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SECRETARY OF THE AIR FORCE**



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***Flying Operations***

**AERIAL EVENT POLICY AND  
PROCEDURES**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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This instruction implements AFD 11-2, *Aircraft Rules and Procedures*. It provides guidance and procedures for Air Force aviation support to public and military events and applies to Air Force personnel who approve, plan, coordinate, and participate in these events. It also implements Department of Defense (DoD) Directive 5410.18, *Public Affairs Community Relations Policy*, 20 November 2001; DoD Instruction 5410.19, *Public Affairs Community Relations Policy Implementation*, 13 November 2001; and DoD Directive 7230.8, *Leases and Demonstrations of DoD Equipment*, 16 February 1995. This publication applies to the Air National Guard (ANG). For the purpose of this instruction, the ANG is functionally considered to be a major command (MAJCOM). Use of the term A3 is synonymous with DO and XO. Refer recommended changes and conflicts between this and other publications to the Air Force Operations Group (HQ USAF/A300), 1480 AF Pentagon, Washington, DC 20330-1480, on Air

Force Form 847, **Recommendation for Change of Publication**. Any organization may supplement this instruction. MAJCOMs, field operating agencies (FOAs), and direct reporting units (DRUs) must send one copy of their supplement to the Air Force Operations Group (HQ USAF/A3OO), 1480 AF Pentagon, Washington, DC 20330-1480. See **Attachment 1** for a glossary of references and supporting information. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with AFMAN 37-123, *Management of Records* (will become AFMAN 33-363), and disposed of in accordance with the *Air Force Records Disposition Schedule* (RDS) located at <https://afrims.amc.af.mil/>.

(AFRC) This supplement implements and extends the guidance of Air Force Instruction (AFI) 11-209, *Aerial Event Policy and Procedures*. This supplement establishes standards, describes procedures and assigns responsibility for providing Air Force Reserve Command (AFRC) aviation support for public and military aerial events. It applies to all personnel assigned or attached to AFRC flying units, both unit-quipped and those associate to gaining MAJCOM units. It does not apply to personnel assigned or attached to other (gaining) MAJCOM units associate with AFRC units. Submit request for waivers through the chain of command to the appropriate tier waiver approval authority, or alternately, to the publication OPR for non- tiered compliance items. This publication may be supplemented at any level, but all direct supplements must be routed to the OPR of this publication for coordination prior to certification and approval. Refer recommended changes and questions about this publication to the office of primary responsibility (OPR) using the Air Force Form 847, *Recommendation for Change of Publication*; route AF Forms 847 from the field through the appropriate functional chain of command. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with AFMAN 33-363, *Management of Records*, and disposed of in accordance with the Air Force Records Disposition Schedule (RDS).

## **SUMMARY OF CHANGES**

**This document is substantially revised and must be completely reviewed.**

This revision reorganized the format of chapters and paragraphs for increased understanding; added definitions of public and military events and support to those events; clarified guidance on aerial reviews and aerial demonstrations and associated approval levels; added restriction limiting aerial events to between the beginning of Morning Civil Twilight and the end of Evening Civil Twilight; restructured the public event Exception-to-Policy process; added State Adjutant General to list of individuals authorized a retirement or change of command flyover; delegated authorization to MAJCOM level for approval of static displays in support of on-base retirement or change of command ceremonies; added Prisoner of War and Chief Master Sergeant of the Air Force to the list of eligible categories for a funeral flyover; lowered the aerial victory requirement for funeral flyover eligibility from five to one; clarified guidance on funeral flyover Exceptions-to-Policy; lowered approval for Missing Man Formation to MAJCOM/A3; lowered participation approval level for multi-service, multi-nation or civilian aerial reviews to HQ USAF/A3/5; lowered participation approval for multi-MAJCOM aerial reviews to the MAJCOM level (inform AF/A3OO); aligned USAF Academy event policy with OASD/PA policy; added guidance and policy on dissimilar formations; clarified guidance on parachute teams and jump platforms; added guidance on Heritage and Texan Flights; clarified guidance on overseas events

and appropriate approval levels; amplified International Airshows and Trade Exhibitions guidance; expanded guidance on airshows and open houses with references to governing instruction; aligned various definitions with OASD/PA, SAF/PA and AF/A4/7 guidance; redefined Aerial Control Teams; and added an approval matrix at [Attachment 2](#).

(AFRC) This interim change revises AFI 11-209\_AFRCSUP by modifying **attachment 2** (AFRC Approval Matrix) and deleting NAF responsibility for reviewing security assessments and threat control measures during the mission approval process. This interim change revises the opening paragraph of this publication to be in compliance with AFI33-360, *Publications and Forms Management*. An asterisk (\*) indicates newly revised material.

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## Chapter 1

### GENERAL GUIDANCE

**1.1. General Guidance.** This instruction governs the performance of USAF aviation support for military or public events held for community relations or ceremonial purposes. It details the procedures for event and participation approval and specifies the operational limitations of the aviation support rendered. Air Force aerial events keep the public and military informed of U.S. preparedness, demonstrate modern weapons systems, promote good community and international relations, support Air Force recruiting and retention efforts and render military honors. For additional guidance on Air Force participation in public events and community relations programs, see AFI 35-101, *Public Affairs Policies and Procedures*. For additional guidance on Air Force flyovers supporting funeral or memorial events, see AFI 34-242, *Mortuary Affairs Program*. HQ USAF/A3O may task MAJCOMs to provide assets to participate in certain key public or military events.

**1.1. (AFRC) General Guidance.** Because of the attendant public relations and recruiting benefits, AFRC participation in aerial events is encouraged to the extent that it does not interfere with a wing's assigned AFRC missions, gaining MAJCOM support/operational missions or required aircrew training. AFRC/A3 may redirect a tanker or transport aircraft scheduled for an aerial event to perform a higher priority AFRC airlift mission. Commanders should ensure widest dissemination of information concerning their units' participation in aerial events within their communities and recruiting areas. **NOTE:** AFRC HC/MC-130 aircraft will not be redirected to perform airlift missions under this paragraph.

**1.2. Public Event.** Public events are community relations events not connected with the military functioning of the Department of Defense and intended primarily for non-military audiences. Some examples include military Open House events, ceremonies, exhibitions, expositions, athletic contests, parades, tattoos, fairs, airshows, international airshow and trade exhibitions, or similar programs. These events may be on- or off-base; continental United States (CONUS) or outside of the continental United States (OCONUS). Public events can be sponsored by either DoD or non-DoD organizations. Such events can be good community relations and recruiting opportunities. Military exercises, movements, maneuvers, or operations are not considered public events merely on the basis of being incidentally observed by the general public.

**1.3. Military Event.** A military event is an official DoD event, sponsored by the DoD, a DoD Component, or a command conducted in support of an assigned mission, including purposes of esprit de corps, primarily for military personnel, civil service personnel, dependents, and limited guests. The event must be hosted on a facility owned, leased or operated by the DoD. In the event a judgment needs to be made on whether an event is a military or public event, contact SAF/PAN who will assist in the determination.

**1.4. Aviation support (For Public and Military Events).** Aviation support for public and military events include static displays, flyovers, aerial reviews, and aerial demonstrations – these activities are also referred to as aerial events.

1.4.1. **Static Display.** Static display, a subset of aviation support, is the ground display of military aircraft and related equipment not involving taxiing or starting of engines while spectators are in the display area.

1.4.2. **Flyover.** Flyover, a subset of aviation support, is a straight and level flight by a single military aircraft or by a formation of four or fewer military aircraft of the same type (see [Attachment 1](#) for definition of type) from the same Military Service over a predetermined point on the ground at a specific time and not involving aerobatics or demonstrations; however, bank angles of up to 90 degrees are permissible and may be used if required to improve the visibility of the aircraft to the spectators. A single event will be supported with a single flyover only (IAW DoDD 5410.18)—this restriction does not apply to public airshows or to military open house events. For multiple flyovers and multiple passes, see [Attachment 1](#). Flyovers of public events in support of community relations activities may only be flown as adjuncts to approved training missions.

1.4.2. (AFRC) Participants in public airshows or military open house events may perform multiple passes as requested/approved by the airshow/event aviation manager (“Air Boss”) IAW the approved AFRC flyover profiles in Paragraph [1.7.2](#) For fighter aircraft, repositioning maneuvers between passes will be normal traffic pattern procedures, not to include a closed pattern maneuver.

1.4.2.1. An approved funeral or memorial service may be supported with the missing man formation (see paragraph [3.6.2.4](#) and [4.2.3](#)).

1.4.2.1. (AFRC) The missing man formation is limited to fighter-type aircraft (e.g., F-22, F-16 and A-10).

1.4.2.2. Dissimilar Formation Flyover. A dissimilar formation is a single-element formation of four or fewer aircraft of multiple Mission Design Series (MDS) of the same type (see [Attachment 1](#) for definition of type) from the same Military Service. A dissimilar formation flyover is not to be confused with an aerial review. An example of a dissimilar formation would be a two-, three-, or four-ship formation involving F-16s and F-15s. Formations involving variants of an MDS, for example a formation of F-16A, F-16C, F-16D fighters, is not considered dissimilar. A dissimilar formation flyover should be undertaken only with applicable consideration given to safety, to the compatible flying characteristics of the aircraft involved, and to the overall theme of the event that is being supported.

1.4.3. **Aerial Review.** Aerial review, a subset of aviation support, is a flyover of more than four aircraft, or of multiple types (see [Attachment 1](#) for definition) of aircraft, or of aircraft representing more than one Military Service or Nation, regardless of horizontal and timing separation of flying elements. It may have elements in trail formation and will not involve precision maneuvers or demonstrations. The elements of the aerial review may be individual aircraft, formations, or a combination of individual aircraft and formations.

1.4.3.1. Aerial reviews are reserved only for the most meaningful national or international occasions and shall not be performed at CONUS public events without approval by OASD/PA. OCONUS approval will comply with COCOM directives.

1.4.3.2. Multiple Aerial Events Supporting a Single Public Event. From the public affairs perspective an aerial review flown for a given event constitutes a significant AF

statement of support; so too does performing multiple aerial events in combination for a single public event. To ensure an appropriate level of scrutiny and approval, the performing of multiple aerial events (for example, multiple flyovers) in combination for a single public event requires event and participation approval levels comparable to aerial review approval levels. This criterion applies to the following:

1.4.3.2.1. Multiple flyovers at the same event, regardless of timing separation between the flyover aircraft or formations.

1.4.3.2.2. The combination of an Air Force Parachute Team (AFPT) airdrop and a flyover at a single event.

**NOTE:** As distinctly diverse assets, this combination will not be performed at public events without approval by SAF/PAN and HQ USAF/A3O.

1.4.3.3. The definition of aerial review does not apply to the Air Force vintage aircraft program (Heritage/Texan Flights), unless flown in conjunction with other assets outside of the vintage aircraft program.

1.4.4. **Aerial Demonstrations.** Aerial demonstration, a subset of aviation support, includes virtually every type of aerial participation by fixed-wing or rotary-wing aircraft in public or military events (except aerial review and flyover). See **Attachment 1** for a list of example activities that meet the definition of Aerial Demonstrations. Aerial demonstration is synonymous with the phrases aerial demo, aircraft demonstration (demo), aircraft capabilities demonstration (demo), and aircraft capabilities exercise (CAPEX). The AFI 11-246, *Air Force Aircraft Demonstrations*, series specify policy for aerial demonstrations (to include demonstration teams), demonstration profiles for certain aircraft and the procedures for non-standard profile approval. Training events *incidentally* observed by the general public are not considered to be aerial demonstrations. See paragraphs **3.6.4** and **4.4** for specific procedures on aerial demonstration approval.

**NOTE:** Guidance in paragraphs **1.4.1** through **1.4.4** is not intended to limit aviation support at public airshows or military Open House events – these events may be supported with multiple static displays, multiple flyovers (with multiple passes) and multiple aerial demonstrations, all approved IAW the normal procedures in this instruction for event and participation approval. Additionally, multiple aerial events supporting two or more separate events at a single geographic location in a single day can be authorized IAW the normal procedures in this instruction (for example: a flyover for a USAFA graduation ceremony and a funeral flyover at the USAFA cemetery, both at approximately the same time). Each event must stand on its own, and be completely independent (limitations specified in paragraph **1.4.2** apply to each separate event).

**1.5. Approvals.** Aviation support at public and military events requires both a determination of event approval from Public Affairs and participation approval from Operations. This instruction outlines the required levels of approval (event and participation) for aerial events at public or military events. For some events, eligibility has been predetermined by Public Affairs and requires only Operations participation approval; see **Chapter 3** for specific event approval requirements and **Chapter 4** for specific participation approval requirements. USAF aviation support not described in this instruction but planned for a public or military event must receive MAJCOM, HQ USAF/A3O, and SAF/PA approval before the performance. For events outside



of the United States, Canada and Mexico, approval will comply with COCOM directives and paragraphs 5.9 through 5.10.

**1.5. (AFRC) Approvals. Attachment 2** (AFRC) of this supplement establishes the participation approval authority for events under the C2 of HQ AFRC.

**1.6. Operational Criteria.** Safety must be the prime consideration at all times. Do not engage in activities that compromise the safety of spectators or that could damage or destroy property. Participation by any air refueling aircraft in a flyover or aerial review shall not be conducted with the receiver closer than the precontact position.

**NOTE:** The Thunderbirds Demonstration Team, MAJCOM Single Ship Demonstration Teams, aviation record setting flights, and USAF vintage aircraft programs (such as the Heritage Flight Texan Flight programs) will use operational criteria provided in their own approved Air Force or MAJCOM instructions; all other Air Force aircraft participating in aerial events will use the criteria presented in this paragraph.

**1.6. (AFRC) Operational Criteria.** Performing aerial events often involves additional risk caused, in varying degrees, by the low altitude environment, the proximity of other aircraft, possibly inexperienced show managers, possible marginal weather during limited performance windows and sometimes by an aircrew's excessive enthusiasm to impress the viewing public. Even presenting static display aircraft can involve the additional risk of inadvertent or deliberate tampering with the aircraft. It is incumbent upon commanders, supervisors and participants to mitigate these additional risk factors through thorough planning and oversight, sound risk management practices and professional discipline.

1.6.1. Showmanship and Professionalism. Aerial events have many objectives among which are to entertain the spectators and to inform the general public on Air Force capabilities. In planning and performing aerial events, supervisors, pilots, aircrew members and all other participants should remember the objective is to demonstrate Air Force professionalism and competence to the general public. Strict compliance with show lines, flying procedures, and minimum altitude restrictions reflect a high degree of professionalism and contribute markedly to great showmanship.

1.6.2. Weather Minimums. Weather must allow operations under Visual Flight Rules (VFR) in accordance with AFI 11-202, Volume 3, *General Flight Rules*, and applicable AFI 11-2MDS, Volume 3, *MDS Specific Operations Procedures*. Weather minimums are "flyover minimum altitude" plus 500 feet and 3 miles visibility. The MAJCOM or mission commander may set higher minimums based on the nature of the event, local terrain, or other factors.

1.6.2.1. **(Added-AFRC)** For a maneuvering (pull up) missing man flyover, the weather must be at least 4000 ft AGL and 5 statute miles visibility in the viewing area.

1.6.2.2. **(Added-AFRC)** Holding, if required prior to the event, can be conducted in IMC conditions. Aircraft holding as multiple separate flights must be able to join in VMC conditions and must remain VMC after joining.

1.6.3. Altitude Minimums. The minimum altitudes published in AFI 11-202 and in Federal Aviation Administration (FAA) regulations for congested and non-congested areas apply. If the venue for an event is on a riverbank with a show line or flyover ground track over water

or over the opposite bank, treat this location for a flyover as a congested area since spectators can congregate on both sides of the river. If the venue for an event is on the shore of the ocean, large bay, or large lake with a show line or flyover ground track over the open water, treat this location for a flyover as a non-congested area.

1.6.3.1. USAF Minimum Altitudes. In certain cases, such as demonstration team performances, approved maneuver packages, and entry and exit into flyover areas, the FAA may specifically waive the altitude requirements below. Even if the FAA authorizes a lower altitude, USAF controlled aircraft must not be flown lower than the following minimum altitudes:

1.6.3.1.1. 500 feet AGL for fixed-wing aircraft.

1.6.3.1.2. MAJCOMs are authorized to establish altitudes lower than the minimums specified in paragraph **1.6.3.1.1** for operating rotary wing aircraft in the execution of approved aircraft demonstration profiles, when the lower altitudes are necessary to properly demonstrate capabilities. Each MAJCOM sets minimum altitudes for the safe operation of their assets.

1.6.3.1.3. **(Added-AFRC)** KC-10 or KC-135 aircraft performing an air refueling demonstration with fixed-wing receiver aircraft will fly at an altitude that permits the receiver aircraft to operate no lower than 1,500' above the highest obstacle along the route of flight when in the precontact position. Air refueling demonstrations will only be flown in an Aerobatic Demonstration Area/Flying Display Area ("airshow box").

1.6.3.1.4. **(Added-AFRC)** HC/MC-130 aircraft performing an air refueling demonstration with helicopter receiver aircraft will fly at an altitude that permits the helicopter(s) to operate no lower than 500' above the highest obstacle along the route of flight when in precontact position. Air refueling demonstrations will only be flown in an Aerobatic Demonstration Area/Flying Display Area ("airshow box").

1.6.4. Airspeed Limitations. Airspeed guidance in AFI 11-202, Volume 3 applies to all aerial events. The minimum airspeed for the operation of any fixed wing AF aircraft participating in any military or civilian event is stall speed plus 30 percent for the aircraft configuration. Airlift aircraft used in demonstrating standard, approved tactical procedures such as assault takeoffs or assault landings, may be flown at lower airspeeds, but not at airspeeds lower than specified in technical order publications. Maximum airspeed is limited to .90 MACH, or a lower airspeed if stipulated in a governing FAA waiver, for all aerial demonstrations except for approved record flights and demonstration teams. Demonstration teams will use a maximum speed of .95 MACH. FAA waiver may be required for airspeeds above 250kts below 10,000 MSL.

1.6.4.1. **(Added-AFRC)** Tanker and transport aircraft performing aerial events below 10,000 ft MSL will not exceed 250 KIAS Exception: KC-10 or KC-135 aircraft performing an air refueling demonstration with fixed-wing receiver aircraft will not exceed 300 KIAS. Prior to requesting participation approval for the air refueling demonstration, tanker and receiver unit planners will coordinate flyover airspeeds.

1.6.4.2. **(Added-AFRC)** For aerial reviews, capabilities demonstrations, and rescue demonstrations, if airspeeds are incompatible, planners will identify the other means of

deconflicting and synchronizing aircraft, such as altitude, timing, or flight path separation.

1.6.5. Time Limitations. Due to safety concerns and reduced public relations benefit, aerial events are authorized only between the beginning of Morning Civil Twilight and the end of Evening Civil Twilight. The USAF Academy Wings of Blue parachute team is authorized an exception to this policy provided a FAA waiver (FAA Form 7711-2, **Certificate of Waiver or Authorization Application**) is obtained for each night jump in accordance with 14 Code of Federal Regulations (CFR) Part 105.21.

1.6.6. Communications. Aerial Control Teams (ACT) and on-site ground supervisors should use discrete radio frequencies to control aviation assets.

1.6.7. Spectator Area. The event organizer for aerial demonstrations must set up a designated spectator area safely separated from the area over which the aerial demonstrations will occur—safety is always a primary consideration in selecting the spectator area and in establishing the show line for flight operations. Official observers and spectators must stay within their designated area. Aircraft conducting demonstrations at military or civilian events will not over-fly the designated spectator area unless specifically granted a waiver by FAA and the parent MAJCOM. The event organizer must ensure a 1,500-foot minimum distance exists between the spectator area and the show line for all military aircraft demonstrations. Under the following circumstances, the 1,500-foot minimum distance can be reduced to the following:

1.6.7.1. To 1,200 feet between the spectator area and the show line if the FAA grants such a waiver and if the parent MAJCOM approves.

1.6.7.2. To 1,000 feet between the spectator area and the show line for T-6 Texan II demonstrations.

1.6.7.3. To 1,000 feet between the spectator area and the intended airdrop impact point or the drop zone boundary (whichever is greater) for the following tactical airdrop demonstrations:

1.6.7.3.1. Equipment

1.6.7.3.2. Container Delivery System

1.6.7.3.3. Personnel using round canopies

1.6.7.4. To 500 feet between the spectator area and the show line for a helicopter operational demonstration and for fixed-wing assault landing or assault takeoff demonstrations.

1.6.7.5. To 500 feet between the spectator area and the show line for USAF vintage aircraft programs.

1.6.7.6. To 500 feet between the spectator area and the show line for glider aerial demonstrations; notwithstanding, only 200 feet is required between spectators and glider aircraft during takeoff and 75 feet during landing.

1.6.7.7. To 50 feet between the spectator area and the landing target for the airdrop of precision parachute demonstration teams (for example, the Wings of Blue) when

steerable square main and reserve canopies are used. The airdrop may include a High Altitude Low Opening (HALO) demonstration.

1.6.8. **(Added-AFRC)** The following guidelines will be followed by AFRC aircrews when conducting flyovers with pyrotechnic demonstrations:

1.6.8.1. **(Added-AFRC)** Events held on military installations, the senior Explosive Ordnance Disposal (EOD) person present is designated as the Range Safety Officer (RSO). For events not held on a military installation, there will only be specific personnel limited to utilize pyrotechnics during aircraft demonstrations. The International Council of Airshows (ICAS) Pyro Safety Task Force will identify personnel to be approved AFRC Shooters in Charge (SIC) each year based on experience, judgment and safety record. To be an approved SIC, the individual must meet the requirements contained in the ICAS Guidelines for Use of Pyrotechnics and Special Effects at Airshows. For civilian pyrotechnic support, the SIC is the equivalent of the RSO and must follow established ICAS pyrotechnic guidelines. Only those SICs (whether AFRC, ANG, active duty or civilian) chosen by the ICAS Safety Committee will be allowed to work with AFRC aircraft. The RSO/SIC will ensure a thorough safety briefing is conducted prior to operation setup. Personnel should be informed of how to conduct procedures in the event of an emergency.

1.6.8.2. **(Added-AFRC)** Operations will not be permitted during an electrical storm or when lightning is within 10 nautical miles.

1.6.8.3. **(Added-AFRC)** All participating aircrews will be briefed on the pyro plan and the following will apply:

1.6.8.3.1. **(Added-AFRC)** Aircraft will fly no lower than 500 feet AGL for pyrotechnic passes. The flight path will be offset a minimum of 200 feet from the pyrotechnic site and away from the spectator area. The pyrotechnic site should be situated so the aircrew can reference and overfly the runway with the 200 feet pyro offset and maintain the 1250 feet Inhabited Building Distance (IBD) clearance.

1.6.8.3.2. **(Added-AFRC)** A minimum interval following aircraft passage will be utilized to provide a minimum of 750 feet aircraft clearance before manual detonation of any pyrotechnics. This will be aircraft speed dependent. The following intervals will provide this safety clearance: 100 knots – 4.5 seconds, 200 knots– 3 seconds, 300 knots – 2 seconds, 400 knots – 1 second.

1.6.8.3.2.1. **(Added-AFRC) WARNING:** Nothing will be placed on top of, over, or near any explosive that might present a debris hazard to aircraft in flight.

1.6.8.3.2.2. **(Added-AFRC) WARNING:** Only non-fragmenting material will be used with the pyrotechnics demonstration. Detonation will not cause any debris to climb higher than 100 feet AGL (other than smoke).

1.6.8.3.2.3. **(Added-AFRC)** Rockets or “Smoky SAMs” will not be fired at or into the flight path of any aircraft.

1.6.8.4. **(Added-AFRC)** If pyrotechnics are to be utilized, the show site must provide the name and contact number of the RSO/SIC to the participating AFRC crew prior to their arrival.

1.6.8.5. **(Added-AFRC)** An aircrew member of each participating AFRC aircraft will review the following items, preferably in person, for on-station flyovers, but as a minimum by phone or confirmed email, prior to each event.

1.6.8.5.1. **(Added-AFRC)** Dimensions of the pyrotechnics area and the magnitude of explosives being used.

1.6.8.5.2. **(Added-AFRC)** Aircraft/pyro de-confliction plan. The altitude, offset and timing de-confliction from **1.6.8.3.1 (Added)** and **1.6.8.3.2 (Added)** will be used. Following a simulated strafing or bombing pass, the AFRC aircraft will pull off prior to the pyrotechnics area (similar to real-world strafe). In addition, the RSO/SIC will not fire the pyrotechnics until the aircraft has passed safely beyond or pulled off the target and the appropriate timing interval has passed.

1.6.8.5.3. **(Added-AFRC)** Flyover profile and sequence of pyro (strafe, bomb, etc).

1.6.8.5.4. **(Added-AFRC)** Forecast wind and effects of pyro.

1.6.8.5.5. **(Added-AFRC)** Communications plan.

1.6.8.5.6. **(Added-AFRC)** Knock-it-off procedures.

1.6.8.5.7. **(Added-AFRC)** Fire hazards and fire department response plan.

1.6.8.5.8. **(Added-AFRC)** FOD potential and effects.

1.6.8.6. **(Added-AFRC)** Safety is the primary concern. If at any time safety becomes an issue, anyone on the radio may make a “Knock-it-off” call. Following a KIO call, the pilot will discontinue the flyover and both the pilot and RSO/SIC will acknowledge the call. If there is ever a question of timing, safety, or sequence the RSO/SIC will not shoot the pyro.

**1.7. Compliance with Flight Procedures.** For aircraft operations outside the United States, comply with host nation air rules and procedures and with the USAF Foreign Clearance Guide. Coordinate with host nation Air Traffic Control representatives before an over flight of a foreign country. For air operations in the United States, comply with all FAA rules and instructions.

1.7.1. **(Added-AFRC)** In addition to complying with FAA rules and instructions, AFRC aircrews performing fly- overs, aerial reviews, capabilities demonstrations and rescue demonstrations during public or military aerial events will comply with limitations and procedures in aircraft technical orders, appropriate AFI11-2MDS-*Specific* Vol 3 and the AFRC Concept of Operations Implementing AFI 11-246, Vol 6 (AFRC Vol 6 CONOPS) available at AFRC A3VS (Stan/Eval) web site (<https://wwwmil.a2a3.afrc.af.mil/dov/>)

1.7.2. **(Added-AFRC)** Single-ship and formation flyovers will comply with one of the following flyover profiles:

1.7.2.1. **(Added-AFRC)** Profile 1 (normal fixed-wing level pass): Clean configuration (gear/flaps retracted); normal traffic pattern airspeed for overhead pattern initial [maximum of 250 KIAS or the minimum safe airspeed as specified aircraft Technical Orders (T.Os.)], minimum 1000 feet above the highest obstacle within a 2000’ radius [or minimum 500 feet AGL when operating within an Aerobatic Demonstration Area/Flying Dis- play Area (“airshow box”)].

1.7.2.2. **(Added-AFRC)** Profile 2 (low speed fixed-wing level pass): Gear/flaps extended, at not less than approach speed, minimum 500 feet AGL. Profile 2 will only be approved for a single aircraft operating within an Aerobatic Demonstration Area/Flying Display Area (“airshow box”) or over an airfield runway.

1.7.2.3. **(Added-AFRC)** Profile 3 (helicopters): One to three rotor disks spacing, 90-120 KIAS, minimum 1000 feet above the highest obstacle within a 2000’ radius [or minimum 500 feet AGL when operating within an Aerobatic Demonstration Area/Flying Display Area (“airshow box”) or over an airfield runway].

**1.8. Waiver Process.** For situations that require waivers to FAA regulations and AF instructions, obtain the FAA waiver before staffing the AF waiver request. Obtain the FAA waiver and determinations on FAA policy through the local Flight Standards District Office.

**1.8. (AFRC) Waiver Process.** Waiver requests to AF instructions will be submitted through wing and NAF commanders to AFRC/A3 for approval. AFRC/A3OO will coordinate waiver requests within HQ AFRC.

**1.9. Force Protection.** The safety of Air Force personnel and the protection of Air Force aircraft and equipment are paramount. Force protection measures should always be taken into consideration, whether participating in flyovers, aerial demonstrations, and aerial reviews, or conducting static displays. It is imperative that all Air Force members at all levels become situationally aware of potential threats to Air Force personnel and equipment when deciding to participate in any military or civilian event. Refer to AFMAN 31-201, Volume 3, *Flight Operations*; AFI 31-101, *The Air Force Installation Security Program*; and AFI 10-1004, *Conducting Air Force Open Houses* (when published) for force protection considerations – this must be reviewed for applicability prior to planning a base open house.

**1.9. (AFRC) Force Protection.** Force protection is the responsibility of all levels of command. Mission planners assess threats to personnel or equipment and review the adequacy of the security presence (DoD military and civilian security forces, civil police, security augmentees) and physical barriers/security aids (fencing, entry control, lighting, detection devices, etc.). Wing/group commanders are responsible for approving the security assessment and threat control measures. HQ AFRC is responsible for reviewing the security assessment and threat control measures during the mission approval process. Upon arrival at the off-station location, the aircraft commander is responsible for determining whether the on-site force protection and security measures are adequate. If they are not, (s)he will coordinate with on-site security to correct the situation or remove the aircraft to a secure location. If a commander at any level determines threat control measures are inadequate, (s)he will cancel participation in the event.

**1.10. Other Guidance.** For comprehensive guidance on Air Force participation in military and civilian events, community relations programs, and commercial activities such as air and trade shows, see AFI 35-101, *Public Affairs Policies and Procedures*; AFI 34-242, *Mortuary Affairs Program*; DoD Directive 5410.18, *Community Relations*; DoD Instruction 5410.19, *Public Affairs Community Relations Policy Implementation*; DoD Directive 7230.8, *Leases and Demonstrations of DoD Equipment*; and the other publications listed in [Attachment 1](#). For additional information, contact HQ USAF/A3OO at DSN 227-5019 or SAF/PAN at DSN 225-9664.



## Chapter 2

### RESPONSIBILITIES

**2.1. Secretary of the Air Force, International Affairs (SAF/IA).** International events for which aviation support is requested or tasked must be evaluated to ensure political, military and industry concerns are taken into consideration. This responsibility rests with SAF/IA. Additionally, SAF/IA coordinates with Under Secretary of Defense for Policy (USD(P)), Defense Security Cooperation Agency (DSCA), HQ USAF/A3O and MAJCOMS for International Airshows and Trade Exhibitions as outlined in paragraph 5.10 For international events that are outlined in paragraph 5.9 (public affairs activities), SAF/IA coordination may be required if there is a significant political, military or industry concern. This coordination does not preempt or diminish the combatant commander's authority to exercise event and participation approval over events falling within their respective Areas of Responsibility (AOR).

**2.2. Secretary of the Air Force, Public Affairs (SAF/PA).** Public events for which Air Force aviation support is requested must be evaluated to ensure their legitimacy, suitability and appropriateness for Air Force association, involvement or participation. This responsibility rests with SAF/PA when the venues for such events fall within the United States, Canada or Mexico. SECAF has delegated to SAF/PA the authority to approve exceptions to flyover policy, with HQ USAF/A3O coordination and concurrence. SAF/PA is also responsible for coordination with OASD/PA and interface with requestors.

**2.3. HQ USAF Director of Current Operations and Training (HQ USAF/A3O) Responsibilities.**

2.3.1. Waiver Requests. HQ USAF/A3O is the approval authority for waiver requests to this instruction, unless otherwise stated.

2.3.2. Unique Requests. HQ USAF/A3O is the approval authority for requests not covered by this instruction. Submit such requests to HQ USAF/A3O for evaluation and approval, after obtaining MAJCOM approval. MAJCOMs will submit requests at least 45 calendar days before the event.

2.3.3. Funeral Flyovers. In unique cases when a funeral flyover is authorized (IAW paragraph 3.6.2.3.1), HQ USAF/A3O retains authority to disapprove support if the circumstances of the death and subsequent flyover could reflect negatively upon the Air Force.

2.3.4. Exception-to-Policy (ETP) for Flyovers. HQ USAF/A3O provides coordination and concurrence for SAF/PAN approved ETP flyovers and other aerial events as detailed in Attachment 2.

2.3.5. Leases. HQ USAF/A3O approves participation plans at airshows involving USAF aircraft leased to non-government organizations, IAW AFI 64-103, *Leasing USAF Aircraft and Related Equipment to Nongovernment Organizations*. Plans should be submitted to HQ USAF/A3O no later than 60 days prior to the event. See AFI 64-103 for requirements.

**2.4. MAJCOM Duties.**

2.4.1. Evaluates requests for Air Force aviation support.

2.4.1. (AFRC) HQ AFRC/A300 evaluates requests for AFRC aviation support, coordinates event approval with HQ USAF/A300, AFRC/PA and SAF/PA, coordinates waiver requests for AFRC/A3 approval and coordinates requests for AFRC/A3O or higher headquarters participation approval as required.

2.4.2. Coordinates with SAF/PA, SAF/IA, HQ USAF/A300 and/or other agencies, as required, to determine the extent of participation authorized. OCONUS MAJCOMS coordinate initially with Combatant Command. See paragraph 5.9 for overseas events that require HQ USAF or Office of the Assistant Secretary of Defense (OASD)/PA approval or coordination.

2.4.3. Approves operational participation in public or military events within their Area of Responsibility according to **Attachment 2** and AFI 35-101, **Chapter 8**.

2.4.3. (AFRC) Participation approval authority for AFRC aviation support of public or military events is listed in **Attachment 2** (AFRC) of this supplement.

2.4.4. Coordinates and obtains aviation support for public and military events when requested by HQ USAF/A300. Units may require external funding identification and coordination for certain events prior to participation approval.

2.4.5. Ensures all command personnel participating in public or military events meet the following standards:

2.4.5.1. Pilots and aircrew are highly qualified and proficient in the flying procedures, standard profiles, and demonstration techniques (reference AFI 11-246 appropriate aircraft volume) planned for the event.

2.4.5.2. Personnel exhibit superb military bearing and are present in the proper uniform at the aircraft or equipment during periods of public viewing.

2.4.5.3. Personnel possess in-depth knowledge of the aircraft or equipment and of the Air Force, in general.

2.4.5.4. Personnel can communicate effectively with the public.

2.4.6. Provides a single point of contact (POC) within the Operations Directorate for all command participation in military or public events covered by this instruction. Provides the POC's name, rank, office symbol, e-mail address, and Defense Switched Network (DSN) and commercial voice and fax numbers to HQ USAF/A300 and SAF/PA. The designated POC may be in a subordinate Numbered Air Force (NAF).

2.4.6. (AFRC) MDS-specific POCs are listed on the AFRC/A3O web site at <https://wwwmil.a2a3.afrc.af.mil/a3o/>.

2.4.7. Ensures a planned flyover profile is tailored to the specific event site. The unit commander or a designated representative must review and approve these profiles. The approving authority must ensure compliance with applicable Air Force policy directives and instructions, aircraft specific training manuals, MAJCOM supplements, and all FAA/Host Nation rules and regulations. Deviations from approved flight profiles are not authorized except for safety of flight.

2.4.8. Ensures aircraft and equipment placed on static display are made safe according to **Attachment 3** and MAJCOM guidance.



2.4.9. Coordinates all planned participation in military or public events with the FAA through the regional Air Force representative (or host nation equivalent). This can be delegated to the participating unit. Coordination is not required if participation consists only of static display support.

2.4.10. Provides an Aerial Control Team (ACT) as directed in MAJCOM supplement to this instruction and in the following cases:

2.4.10.1. Events requiring precise timing.

2.4.10.2. High visibility events (i.e., the Super Bowl).

2.4.10.3. Aerial Reviews.

2.4.10.4. Directed by HQ USAF/A3O.

2.4.10.5. Events within the Washington, DC National Capital Region (NCR).

2.4.10.5. (AFRC) DoDI 5410.19 defines the National Capital Region (NCR) as the geographic area located within the boundaries of the following: 1) the District of Columbia; 2) Montgomery and Prince George's counties, MD; and 3) Arlington, Fairfax, Loudoun and Prince William counties and the city of Alexandria in VA. The NCR also encompasses the area designated on FAA VFR charts as the Air Defense Identification Zone (ADIZ). The NCR may be referred to as the National Capital Area (NCA).

2.4.11. Submits requests to SAF/PA for coordination and participation approval of foreign aircraft or foreign military demonstration teams (flying teams or parachute demonstration teams) in CONUS open house events.

2.4.12. Requests waivers to this instruction.

2.4.13. MAJCOMs may delegate duties, responsibilities and approval levels within their supplement to this instruction, unless specifically prohibited by this instruction.

2.4.13. (AFRC) Because they are best situated to ensure that their personnel and equipment are prepared to capably and safely perform aerial events, Wing Commanders will:

2.4.13.1. (Added-AFRC) Ensure aircraft scheduled for display are clean and presentable prior to departure for the host base/location;

2.4.13.2. (Added-AFRC) Ensure that personnel selected to perform an aerial event possess the requisite proficiency, knowledge, discipline and military bearing;

2.4.13.3. (Added-AFRC) Ensure that aircrew and support personnel selected to perform an aerial event comply with AFI 36-2903, *Dress and Personal Appearance of Air Force Personnel*, prior to departure for the host base/location;

2.4.13.4. (Added-AFRC) Ensure that C-17, C-130 and KC-135 demonstration aircrews are properly trained and certified IAW the AFRC Vol 6 CONOPS;

2.4.13.5. (Added-AFRC) Ensure the event sponsor has obtained any required permission or waivers to applicable FAA, Air Force or DOD directives;

2.4.13.6. (Added-AFRC) Ensure that the wing's Operational Risk Management (ORM) criteria include the additional risk factors associated with performing aerial events;

2.4.13.7. **(Added-AFRC)** Ensure that wing/squadron planners preparing for an aerial event review arrival and departure corridors, CHUM charts with the current semi-annual and supplemental data, determine the minimum safe operating altitude and develop a tailored flight profile to include arrival holding point/pattern, entry routing, ground track, altitudes/airspeeds and exit/recovery procedures;

2.4.13.8. **(Added-AFRC)** Ensure that all aerial event participants attend the pre-departure mission briefing describing the mission profile, additional risk factors and individual responsibilities;

2.4.13.9. **(Added-AFRC)** Ensure that aircraft commanders/flight leads and, if a personnel airdrop is planned, jump masters or jump team leaders receive the air show coordinator's (Air Boss's) operations briefing;

2.4.13.10. **(Added-AFRC)** Ensure that a ground coordinator is assigned as required to control timing and to enhance safety during those aerial events which do not warrant an Aerial Control Team (ACT).

2.4.13.11. **(Added-AFRC)** Ensure that classified equipment or information will not be displayed or discussed unless specifically directed by AFRC headquarters or higher authority;

2.4.13.12. **(Added-AFRC)** Review and approve the event airfield security assessment and threat mitigation measures; and

2.4.13.13. **(Added-AFRC)** Secure and document approval of the aerial event IAW **Attachment 2** (AFRC) of this supplement.

**2.5. Mission Commander.** In general, the mission commander is the on-scene commander responsible for the overall safety and conduct of the mission and makes the "go" or "no-go" decision. A mission commander is required for flyovers, aerial reviews, and aerial demonstrations. The mission commander, or deputy, must be highly qualified, having a thorough understanding of the aerial event being undertaken. The mission commander's responsibilities include, but are not limited to, flyover safety, weather considerations, timing, sequencing, and airspace and range clearances. The mission commander should be able to directly communicate with the pilot or aircraft commander or should be able to relay information to the pilot or aircraft commander. In some cases, the senior member of the ACT is designated as the mission commander. In the event the senior member of the ACT is not the mission commander, then the mission commander may be one of the following:

2.5.1. The aircraft commander on a fixed-wing aircraft/helicopter having an aircrew.

2.5.2. The pilot in a single-seat fighter or trainer aircraft.

2.5.3. Flight lead for a fighter/trainer formation.

2.5.4. Ground-based military officer acting as an air boss for an airshow or other ceremony.

2.5.5. Senior enlisted military member working in the tower.

2.5.6. DoD-civilian Airspace Manager with ATC Tower or Rated Pilot experience working in the control tower.

**2.6. Aerial Control Team (ACT) Responsibilities.** An ACT is a highly experienced individual or team of individuals organized and established to control Air Force participation in military and public events. Each MAJCOM will establish qualifications for ACT members. Employing an ACT is appropriate when Air Force participation includes large numbers of aircraft or aircraft from more than one MAJCOM or Service. For events within the NCR, coordination for ACT support must be made through ACC/A3OA, DSN 574-7854, not later than (NLT) 7 duty days prior to the event. For flyovers occurring at Arlington National Cemetery, coordination will occur as soon as possible. The ACT is responsible for the following:

2.6.1. Planning Air Force participation and coordinating details with participating commands, commanders, participants, and the FAA.

2.6.2. Briefing commanders and participants on all aspects of participation to include, at a minimum, flight profiles, airspeeds, altitudes, holding patterns, communication frequencies, air traffic control coverage, area traffic density, area hazards, weather minimums, alternate weather procedures, and other relevant operational considerations.

2.6.3. Controlling the flow and movement of all participating aircraft. ACTs will use discrete radio frequencies when possible.

2.6.4. Serving as the on-scene advisor to the mission commander, or as the mission commander if requested by the MAJCOM.

**2.7. (Added-AFRC) ACT Qualifications .** Basic qualifications for the ACT team members are as follows:

2.7.1. **(Added-AFRC)** The ACT team chief must be a qualified pilot or navigator;

2.7.2. **(Added-AFRC)** All team members must be familiar with the operating characteristics of the participating aircraft; and

2.7.3. **(Added-AFRC)** All members must have a working knowledge of the applicable instructions (AFI 11-209; AFI 11-246 Vols. 1-6; AFI 11-202V3; AFI 11-2MDS-Specific V3; and AFRC Vol 6 CONOPS).

**2.8. (Added-AFRC) Ground Coordinator.** A small, uncomplicated event, such as a single-ship/-formation flyover at a sporting event, may not warrant an ACT; however, the wing commander may direct that a ground coordinator be at the aerial event site to help control timing and enhance safety during the aerial performance. Normally the ground coordinator will be at the flyover site in two-way radio contact prior to the time on target to assist the aircrew and act as a safety observer. If the presence of a ground coordinator is impractical, for example at a short-notice funeral flyover at a distant location, the flyover may still be approved if the participating aircrew has identified the exact location of the site and established a firm time for the flyover by coordination with the event coordinator.

## Chapter 3

### EVENT APPROVAL PROCESS

**3.1. General Approval Process.** Air Force participation in any event requires approval from Public Affairs and Operations. Public Affairs is concerned with the appropriateness of an event for Air Force involvement. Operational approval is concerned with operational issues. For public events outside the United States, Canada and Mexico, the combatant commander has authority over the approval and participation in events within the command's Area of Responsibility (AOR). In this case, comply with combatant command directives and utilize this chapter as general guidance for the event. See paragraph 5.9 for additional requirements for overseas events.

**3.2. Public Event Approval.** Civilian sponsors of public events in the United States, Canada and Mexico seeking Air Force aviation support must request event approval from SAF/PA using DD Form 2535, *Request for Military Aerial Support*. Military sponsors of public events are also required to send the DD Form 2535 (except as noted in paragraph 3.2.2) through their MAJCOM/PA to SAF/PA with as much lead time as possible (usually a minimum of 45 days), before any Air Force asset can participate in their events. SAF/PA evaluates the information in the DD Form 2535 to determine the eligibility of the events specified for the aviation support requested using the guidance found in DoD Directive 5410.18, DoD Instruction 5410.19, AFI 35-101, and other applicable publications and instructions. For a comprehensive discussion on the DD Form 2535 or to obtain a copy, see the *U.S. Air Force Aerial Events Support* web site (<http://www.airshows.pa.hq.af.mil/>) and select "Request Procedures." Civilian sponsors seeking aviation support (flyovers or AFPT demos) for public events that directly support commemorations of patriotic holidays are still required to submit a DD Form 2535. Civilian or military sponsors who seek Air Force aviation support for public events planned outside the United States, Canada and Mexico will comply with COCOM directives to obtain event approval. The DD Form 2535 may be submitted to MAJCOM/PA (in lieu of SAF/PA) for events that involve only static display, or when the events directly support the commemoration of a Patriotic Holiday (i.e., not in conjunction with a sporting event; see paragraph 3.6.2.1.1).

3.2.1. SAF/PA determines eligibility, IAW DoD and AF policy, for the following:

3.2.1.1. Aviation-related events (aviation shows, aviation fairs, aviation expositions, airport dedications, events primarily designed to encourage the advancement of aviation, and civic events that contribute to the public knowledge of Armed Forces aviation equipment and capabilities)—SAF/PA processes event approval requests for aviation-related public events IAW standing, internal procedures and posts notification of those approved to the *U.S. Air Force Aerial Events Support* web site.

3.2.1.2. Non-aviation related events (e.g., professional/amateur sports, community relations events, parades, festivals, etc.)—SAF/PA processes event approval for non-aviation related public events IAW Exception-to-Policy (ETP) procedures. The ETP process involves the HQ USAF/A3 community as well as SAF/PA and is outlined in paragraph 3.5. ETP approvals are granted only when participation is determined to be in the best interest of the USAF. Event sponsors should follow the ETP procedures posted on the *U.S. Air Force Aerial Events Support* web site when requesting event approval for

non-aviation related events. The DD Form 2535 and ETP documentation should reach SAF/PA 45 days in advance of the event's date. Forms received within 14 days of an event are generally not considered for support.

3.2.2. Approved Military-Sponsored Public Events. The following on-base public events are approved for Air Force aviation support and need no further Public Affairs approval. Operations approval (i.e., participation approval) for the type of aviation support planned for these events is still required.

3.2.2.1. Military open house events. A DD Form 2535 is required for DoD demonstration team requests. A copy must be forwarded through MAJCOM/PA to SAF/PA for consolidation, prioritization and posting.

3.2.2.2. USAF Academy flyovers. See **Chapter 5** for procedures.

3.2.2.3. The National Guard Academy of Military Science flyovers.

**3.3. Military Event Approval.** Military event approval rests with the MAJCOM hosting the event or as specified in DoD policy.

3.3.1. Approved Military Events. The following military events are approved for Air Force aviation support IAW current DoD and AF Public Affairs policy and need no further Public Affairs coordination. Operations approval (i.e., participation approval) for the type of aviation support planned for these events is still required. Approval for military events does not constitute approval for an aerial review (see paragraphs [1.4.3](#), [3.6.3](#), and [4.3](#) for aerial review criteria, restrictions and approval levels).

3.3.1.1. On-base patriotic observances (see paragraph [3.6.2.1](#) for off-base criteria).

3.3.1.2. Retirement ceremonies and change of command ceremonies (see paragraph [3.6.2.2](#) for criteria).

3.3.1.3. Funeral or memorial events (see paragraph [3.6.2.3](#) for criteria).

3.3.1.4. On-base unit change of aircraft and unit flag retirement ceremonies.

3.3.1.5. The installation commander may deem other on-base military events eligible based on the contribution such events make to fostering esprit de corps, military values and patriotism, and on their ability to stand the test of public scrutiny. Examples of other eligible events are: military graduation ceremonies, retreat ceremonies, memorial ceremonies, and military parades. MAJCOMs have the authority to approve flyovers or jump platform aircraft by their assigned operational aircraft in support of approved events on their respective command bases.

3.3.1.5. (**AFRC**) AFRC and other MAJCOMs perform flyovers weekly at Lackland AFB, TX, during Basic Military Training (BMT) graduation exercises in proportion to their annual share of BMT graduates. These flyovers are approved on-base military events.

3.3.2. Disapproved Military Events. The following military events or ceremonies are not approved for Air Force aviation support IAW current DoD and AF policy: off-base retirement ceremonies, off-base change of command ceremonies, off-base unit flag retirement ceremonies, and off-base unit change of aircraft ceremonies.

**3.4. SAF/PA Approval Process.** Once SAF/PA determines an event appropriate for Air Force aviation support, it is posted to the *U.S. Air Force Aerial Events Support* web site (<http://www.airshows.pa.hq.af.mil/>) as an “Eligible Event.” This is the primary means SAF/PA uses to communicate with event sponsors and military flying units and/or AF parachute demonstration teams on event approval. Being declared eligible does not mean Air Force “participation approval” has been granted (this is an Operations consideration) or that a unit has volunteered to provide the event aviation support.

3.4.1. Units wishing to volunteer to support an event must indicate their intent on the website or via telephone to SAF/PAN. Event sponsors may contact units to solicit aviation support for their events.

3.4.1.1. Units volunteering for any ETP event must notify SAF/PAN and MAJCOM of their intent to support not later than 7 days prior to the event (normally 14 days prior or earlier). All events that do not have a volunteer unit will be removed from the web site 7 days prior and will not be considered for support. Units must also coordinate with event sponsors.

3.4.1.2. MAJCOMs may require a unit to volunteer via MAJCOM rather than directly with SAF/PAN (see MAJCOM supplement to this instruction).

3.4.2. SAF/PA and SAF/IA, in turn, are the approval authorities for events planned specifically for a foreign dignitary, to include the type and level of aviation support that is appropriate. Event sponsors are to submit requests at least 45 calendar days in advance.

**3.5. Exception-to-Policy Procedures for Public Events.** Public events for which ETP procedures apply must be evaluated and approved by both SAF/PAN and HQ USAF/A3O; participation approval is delegated to the MAJCOMs for the aviation support that approved ETP events are ultimately rendered (see **Chapter 4**). The event sponsor initiates the ETP process by submitting a DD Form 2535 to SAF/PA IAW procedures listed in AFI 35-101, **Chapter 8**, and the *U.S. Air Force Aerial Events Support* web site. The following procedures outline the ETP approval process for public events unless aviation related (IAW paragraph **3.2.1.1**) or in direct support of a Patriotic Holiday.

3.5.1. Annually HQ USAF/A3O and SAF/PA will release a joint message, categorizing as depicted below, the events for the coming year for which event sponsors are requesting ETP event approval. The message will assign the level of aviation support considered appropriate for selected events by name and for other events by category.

3.5.1.1. **Category 1 (Cat 1).** Events designated Cat 1 will be listed by event name and are automatically granted event approval—they are of such importance that every effort will be taken to support them. Aviation support is pre-approved up to a four-ship formation. Volunteer units will be solicited—if no units volunteer, HQ USAF/A3O will coordinate with appropriate MAJCOMs and task selected units for aviation support. Relatively few ETP events will fall into Cat 1 (some examples are the Super Bowl, the Rose Bowl, the Indianapolis 500, etc.).

3.5.1.2. **Category 2 (Cat 2).** Events designated Cat 2 will be listed by general classes of events, such as a specific sport or events for which Air Force Recruiting Service has a sponsorship role. As events are placed in Cat 2, they are granted event approval and

aviation support is pre-approved up to a four-ship formation. Cat 2 events are supported by volunteer units and typically will not be tasked.

**3.5.1.3. Category 3 (Cat 3).** Events not identified under Cat 1 or 2 fall into Cat 3. SAF/PA and HQ USAF/A3O will jointly determine if a given Cat 3 event warrants event approval and, if approved, will specify an appropriate type and level of aviation support (e.g., 4-ship, 2-ship, single-ship, etc.). Approved Cat 3 events are to be supported by volunteer units and typically will not be tasked.

**3.5.2.** Events approved under one of the categories above are considered to have ETP event approval and are posted to the *U.S. Air Force Aerial Events Support* web site. HQ USAF/A3O delegates participation approval to MAJCOM/A3 for events approved under the above categories. MAJCOM/A3 will ensure that the volunteer unit will support the event as an addition to an approved training mission and that the support rendered will pass the test of public scrutiny (i.e. training accomplished, impact to operations, proximity of event to the base, additional support requirements, and wing commander support). Once participation approval is granted, the MAJCOM/A3 office responsible for aerial events will inform HQ USAF/A3OO NLT two working days prior to the event. Notification will include at a minimum the participation approval, unit, type, and number of supporting aircraft.

**3.5.2. (AFRC)** Units wanting to volunteer to support an eligible event must inform AFRC/A3OO via e-mail as soon as possible in addition to indicating their intention on the SAF/PA Aerial Events Support web site ( <https://www.airshows.pa.hq.af.mil/> ) to SAF/PAC or via telephone to SAF/PAC (formerly SAF/PAN). AFRC/A3OO will validate unit participation on the SAF/PA web site when participation approval has been granted.

**3.6. Specific Aviation Support for Public or Military Events - Event Approval Considerations.** The following paragraphs outline additional guidance bearing on the event approval process (see Approval Matrix in [Attachment 2](#)).

**3.6.1. Static Display.** Events for which static displays are requested require Public Affairs event approval or as delegated in AFI 35-101, [Chapter 8](#). Refer to paragraph [3.6.2.2](#) for Retirement or Change of Command ceremony criteria.

**3.6.2. Flyover.** In general, an event for which a flyover is requested requires Public Affairs event approval IAW paragraphs [3.2](#) through [3.5](#) above, except as noted below.

**3.6.2.1. Off-Base Patriotic Holiday.** As a matter of DoD and Air Force policy, aviation support in the form of flyovers (or AFPT demonstrations) is authorized for off-base patriotic observances, i.e., commemorative events held in support of patriotic holidays. Such events must be evaluated by at least MAJCOM/PA prior to receiving aviation support to ensure compliance with governing policies and procedures. The commemorative event for which the flyover (or AFPT demonstration) is performed must occur within seven days of the national day of observance of the holiday.

**3.6.2.1. (AFRC)** AFRC/PA is the event approval authority for requests from event organizers to AFRC wings/ groups to perform flyovers supporting patriotic holidays.

**3.6.2.1.1.** The commemorative event for which the flyover (or AFPT demonstration) is performed must directly support the patriotic holiday. Non-commemorative events merely falling within seven days of the national days of observance for the applicable



holidays are not eligible for flyovers (or AFPT demonstrations), unless approved by SAF/PA through normal procedures. An example of a non-commemorative event would be a sporting event held on or near Independence Day, even one with a solemn ceremony or moment of silence.

3.6.2.1.2. See paragraph [3.6.2.4](#) for guidance on use of the Missing Man Formation at patriotic observances.

3.6.2.1.3. The event sponsor must submit a completed DD Form 2535 to MAJCOM/PA or SAF/PA, where it is reviewed to ensure the event is actually a commemorative event suitable for Air Force participation. Local bases receiving DD Forms 2535 should forward them through their MAJCOM/PA and on to SAF/PA, if applicable.

**3.6.2.2. Retirement/Change of Command Ceremony.** Flyovers or aerial reviews for off-base retirement or change of command ceremonies are not permitted. Ceremonies eligible for aerial support, if they are held on-base, are approved only for the following personnel as noted below:

3.6.2.2.1. The Chief of Staff of the Air Force (CSAF) or any combatant commander is authorized an aerial review. Air Force participation in COCOM multi-service or multi-national aerial reviews is approved. MAJCOMs will provide an information copy to HQ USAF/A3O containing the number and type of aircraft participating.

3.6.2.2.2. The Vice Chief of Staff of the Air Force (VCSAF), a MAJCOM/CC or a State Adjutant General is authorized a flyover by a single formation (up to four-ship).

3.6.2.2.3. A MAJCOM/CV, a NAF/CC, or a Center/CC is authorized a flyover by a single aircraft.

3.6.2.2.4. AFPT jumps in lieu of flyovers are allowed for the personnel authorized above.

3.6.2.2.5. On-base retirement and change of command ceremonies for any other military members are not eligible for an Air Force flyover, except when approved IAW ETP procedures (paragraph [3.6.2.2.6](#)).

3.6.2.2.6. Exception-to-policy requests for flyovers supporting retirement and change of command ceremonies require HQ USAF/CV approval. HQ USAF/CV approval is required for a flyover if the participating aircraft is (are) from another service, nation, or civilian organization.

3.6.2.2.7. MAJCOMs may authorize aviation support, with their respective aircraft, in the form of static displays for on-base retirement or change of command ceremonies (as designated in MAJCOM supplement to this instruction).

**3.6.2.3. Funeral or Memorial Flyovers.** Funeral and memorial services for members who meet the governing criteria are eligible for Air Force flyovers. Funeral and memorial service flyover requests will be initiated by the servicing base Mortuary Officer or Air Force Mortuary Affairs and staffed through MAJCOMs (Mortuary Affairs and Operations directorates) to HQ USAF/A3OO. Funeral flyover request procedures can be found in AFI 34-242. A funeral or memorial flyover is to be flown as part of a training sortie, not as a stand-alone mission.



**NOTE:** The servicing base Mortuary Affairs or Air Force Mortuary Affairs is the single point of contact for the next of kin.

3.6.2.3.1. Eligibility. The following list outlines those eligible for an Air Force funeral/memorial flyover:

3.6.2.3.1.1. Active duty or currently serving Air Reserve Component (ARC) rated officers (pilots, navigators, air battle managers, observers, and flight surgeons) and Career Enlisted Aviators (1AXXX enlisted crewmembers, i.e. flight engineers, loadmasters, boom operators, etc.). This category includes those taking courses of instruction leading to an aeronautical rating. Treat ARC members the same as active duty (eligible when death occurs whether on or off duty). This includes ARC members not on unit training assembly (UTA) or military orders.

3.6.2.3.1.2. Active duty or currently serving ARC non-rated officers, non-Career Enlisted Aviators, and Operations Support Flyers (as defined in AFI 11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Badges*, i.e. nurses, medical technicians, intelligence specialists, etc.) but only when death occurs in the line of duty while performing aviation duties.

3.6.2.3.1.3. Dignitaries of the Armed Forces and federal government. HQ USAF/A3O has the authority to designate Dignitaries of the Armed Forces; requests with full justification must be made through the MAJCOM staff to HQ AF/A3OO.

3.6.2.3.1.4. Active duty or retired USAF 3-star and 4-star general officers, regardless of aeronautical rating.

3.6.2.3.1.5. Active Duty or retired Chief Master Sergeants of the Air Force (CMSAF).

3.6.2.3.1.6. USAF members (active duty, retired or honorably separated) who have been awarded the Medal of Honor, Air Force Cross, Army Distinguished Service Cross, or Navy Cross.

3.6.2.3.1.7. USAF aviators (active duty, retired or honorably separated) who have achieved at least one or more officially recognized aerial victories. The Air Force Historical Research Agency is the official source for aerial victories.

3.6.2.3.1.8. USAF members (active duty, retired or honorably separated) who were Prisoners of War.

**NOTE:** Repatriated remains of individuals meeting the requirements of paragraph [3.6.2.3.1.1](#) or [3.6.2.3.1.2](#) are entitled to flyover honors.

3.6.2.3.2. Although a funeral/memorial flyover may be authorized by meeting the above criteria, it may not always be appropriate. A funeral or memorial flyover is part of the honors bestowed on the deceased. If the lifestyle of an individual during or following his or her military service is not within the standards normally expected of a military professional or if the circumstances surrounding the death reflect negatively on the Air Force, a funeral flyover may not be approved in all cases. HQ USAF/A3O will make the determination in these cases.

3.6.2.3.3. If a deceased member is eligible, no further HQ USAF approval is required. MAJCOMs grant participation approval for funeral/memorial flyovers (inform HQ USAF/A3OO).

3.6.2.3.4. Memorial Flyovers. Procedures and approval levels for memorial flyovers are the same as for funeral flyovers. Memorial flyovers commemorate or recognize an individual, group, or historically significant event. MAJCOMs may approve on-base flyovers in this category (may be delegated to Wing/CC). For deceased members authorized a flyover per paragraph [3.6.2.3.1](#), and when the funeral service is held off-base, MAJCOM may authorize an additional memorial flyover at the base to which the individual was assigned (inform HQ USAF/A3OO). An off-base memorial flyover on other than the five patriotic holidays requires an ETP approved by HQ USAF/A3O and SAF/PAN.

3.6.2.3.4. (AFRC) Arlington National Cemetery falls under the operational jurisdiction of the US Army and is therefore considered to be an “on-base” facility. All other national cemeteries are operated by non-DOD agencies and are considered to be “off-base”. Arlington National Cemetery is within the confines of the NCR (see para [2.6](#) procedures). AFRC/A3OO will periodically forward requests from AF/A3OO ([RSSAerialOverflights@pentagon.af.mil](mailto:RSSAerialOverflights@pentagon.af.mil)) to solicit volunteers to perform memorial flyovers at Arlington National Cemetery.

3.6.2.3.5. Exceptions-to-Policy. Servicing base Mortuary Affairs initiates requests for exceptions to funeral and memorial service policy and staffs the request through MAJCOMs to HQ USAF/A3OO. Requests that are handled directly by Air Force Mortuary Affairs are staffed to HQ USAF/A3OO. Exceptions-to-policy are based on appropriate use of limited resources, and are typically considered only for service marked by valor or heroism, or has significantly impacted the aviation community or aviation history. ETP requests must reach HQ USAF AF/A3OO at least 5 working days prior to the event. HQ USAF/A3OO will coordinate a package for HQ USAF/CVA decision. Include the following in the request:

3.6.2.3.5.1. DD Form 214, **Certificate of Release or Discharge from Active Duty**, or similar discharge documentation recording the individual’s honorable discharge, rank, and decorations.

3.6.2.3.5.2. A letter from the next of kin or the person acting on their behalf requesting the flyover.

3.6.2.3.5.3. A biography of the individual’s service. Include commands and significant acts or service to the Air Force and the country.

3.6.2.3.5.4. Any other information about the individual’s military service that is notable.

3.6.2.3.6. If an exception is approved, HQ USAF/A3OO will inform MAJCOMs to solicit a volunteer unit to perform the flyover. Due to the short-notice nature of many funerals, MAJCOMs may be asked to solicit volunteers while the approval package is being processed.

3.6.2.4. **Missing Man Formation.** The missing man formation is a flyover reserved for appropriate occasions and is employed **only** on those occasions when the theme is solemn and commemorative. This formation may be flown for any funeral or memorial approved IAW this AFI or to support commemorative events on the following Patriotic Holidays: 1) Memorial Day, 2) National POW/MIA Day, and 3) Veterans Day. When the missing man formation is flown on a Patriotic Holiday, the commemorative event, which the formation supports, may not be held in conjunction with another event such as an airshow or sporting event. All other uses of the missing man formation require the approval of MAJCOM/A3 (cannot be delegated).

3.6.2.4. (AFRC) The missing man formation is limited to fighter-type aircraft (e.g., F-22, F-16 and A-10).

3.6.2.5. For additional information, see paragraph [3.2](#), [3.3](#) and [Chapter 5](#).

3.6.3. **Aerial Review.** OASD/PA approval is required for all CONUS public event aerial reviews and overseas public event aerial reviews involving CONUS based aircraft. This approval is not required at airshows, open houses or international trade shows.

3.6.3.1. Submit aerial review requests through the MAJCOM to SAF/PAN (inform HQ USAF/A3OO) 45 calendar days before the event date. The request should include the date, location, type of event (dedication ceremony, retirement, etc.), and number/type of aircraft. SAF/PA will coordinate OASD/PA approval NLT 30 calendar days before the event to allow time for MAJCOM/A3 or higher participation approval. For the approval of an event for which an aerial review is requested, and which is hosted at a venue outside the United States, Canada or Mexico, see paragraph [5.9](#) and [Attachment 2](#).

3.6.3.2. The performance of multiple aerial events for a single public event constitutes a significant level of Air Force support and communicates to the general public, and event organizer, a “public affairs” endorsement for the event that is as significant as the endorsement that an aerial review would render. To ensure the proper levels of scrutiny and control, proposals for aviation support involving the performance of multiple aerial events for a single public event will be subject to the same approval process that a proposal for an aerial review would receive for the same public event. To this end, SAF/PAN and AF/A3O will approve aviation support proposals for single public events that combine an AFPT and flyover, or a flyover and aircraft demonstration (the total number of combined individual elements may not exceed four). An example of such a combination of aerial events is a 3-ship of F-16s and an AFPT demonstration. Aviation support proposals for single public events that combined multiple aerial events will be reviewed on a case-by-case basis. When determining the number of elements, the jump platform aircraft does not count unless it is performing in some other function in addition to being the jump platform.

**NOTE:** The guidance in this paragraph does not apply to aviation support proposals involving multiple, combined aerial events planned for open house events, public airshows, and international trade shows.

3.6.4. **Aerial Demonstration.**

3.6.4.1. Although considered an aerial demonstration, AFPT performances have different approval procedures. See paragraph 5.4. AFPT demonstrations can be performed in lieu of flyovers for Patriotic Holidays (paragraph 3.6.2.1).

3.6.4.2. Flying operations ostensibly conducted for training but which are actually intended to be viewed by non-military audiences are in fact aerial demonstrations and the events supported in this manner are public events falling under paragraphs 1.2 and 3.2. An example would be the use of Joint Airborne/Air Transportability Training (JA/ATT) missions to airdrop personnel and/or equipment for training while inviting a non-military audience to view the airdrop through a public advertising campaign (TV/radio announcements, newspaper ads, etc.). In this example, clearly the use of advertising to encourage the presence of non-military spectators establishes the activity as an aerial demonstration for a public event.

3.6.4.3. Flying operations conducted for training purposes (whether using training or O&M funding) on a facility owned, leased or operated by the DoD, and intended for viewing by an audience limited to military personnel, civil service personnel, dependents and limited number of invited guests, constitute aerial demonstrations in support of military events, and paragraphs 1.3 and 3.3 apply.

## Chapter 4

### PARTICIPATION APPROVAL PROCESS

**4.1. Static Displays.** Participation approval for static displays is delegated to MAJCOM. MAJCOM can delegate participation approval authority to a lower level. Before approving static display, the decision process will include force protection concerns. Consider the safety standards in [Attachment 3](#), along with those in T.O. 00-80G, *Make Safe Procedures for Public Static Display* series publications, in planning and staging each static display. Aircraft specific guidance in a T.O. will supercede the general guidance in this AFI. The following guidelines apply to all aircraft on static display:

4.1.1. Aircraft on static display must be made safe according to [Attachment 3](#) and applicable technical orders (TO).

4.1.2. A minimum of one qualified aircrew member must be present to answer spectator questions and to ensure security at all times the static display is open to the public.

4.1.3. Ordnance and Munitions. If an event does not involve the expenditure or display of munitions, download the aircraft of all expendable ordnance prior to deploying to the event site. "Make safe" permanently mounted internal weapons according to applicable TO procedures. Place on public display only inert munitions, making them safe according to applicable TOs.

4.1.4. **(Added-AFRC)** Normally only one of each MDS tanker or transport aircraft will be approved as a static display at any given event. If multiple units possessing same/similar MDS aircraft apply to attend a given event, AFRC/A3OO will recommend approval based on such factors as recruiting area, mission requirements and past participation. A participating fighter unit may send up to a four-ship of aircraft to the air show event with approval of the event coordinator.

### 4.2. Flyover.

4.2.1. **Patriotic Holiday.** Participation approval is at the MAJCOM level and is limited to a single pass flyover by a single aircraft or by a formation of not more than four aircraft of the same type. The commemorative event for which the flyover is performed must occur within seven days of the national day of observance of the holiday and must be in direct support of the holiday.

4.2.2. **Retirement/Change of Command Ceremony.** Participation approval is at the MAJCOM level. AF/CV approval may be required for exceptions-to-policy (see paragraph [3.6.2.2.6](#)).

4.2.3. **Funeral or Memorial Flyovers.** It is the responsibility of the MAJCOM to locate and identify volunteer flying units. MAJCOM can delegate participation approval authority to a lower level. Air Force participation in a funeral or memorial service is limited to a single flyover. It may be flown at the funeral (internment) service or at the memorial service, but not at both events (except as approved under paragraph [3.6.2.3.4](#), where the MAJCOM can approve an additional memorial flyover for eligible members at the base to which the individual was assigned). Funeral flyovers can be a single ship or a single formation with a

maximum of four aircraft. A formation flyover may be flown as a missing man formation (inform HQ USAF/A3OO).

**4.2.3. (AFRC) Arlington National Cemetery Flyovers (AFRC).** Flyovers conducted in the National Capital Region (NCR) are closely scripted and performed under the C2 of an Air Combat Command (ACC) Aerial Control Team (ACT). All information necessary to execute NCR flyovers are contained in a "Smart Pack" which will be provided to the supporting unit by ACC/A3TA (e-mail: [acc.a3ta@lan-gley.af.mil](mailto:acc.a3ta@lan-gley.af.mil), DSN 574-7854. Participation approval authority is IAW **Attachment 2** (AFRC) of this supplement and documented on the Single Mobility System (SMS) mission request without requirement for further documentation.

**4.2.4. Missing Man Formation.** Participation approval for on-base and off-base Patriotic Holidays (IAW paragraph **3.6.2.4**) is at the MAJCOM level. All other off-base uses of the missing man formation require the approval of MAJCOM/A3 (cannot be delegated).

**4.2.4. (AFRC) Missing Man Formation.** The missing man formation is limited to fighter-type aircraft (e.g., F-22, F-16 and A-10).

**4.2.5. (Added-AFRC) BMT Graduation Flyovers.** Flyovers during BMT graduation exercises at Lackland AFB, TX, are closely scripted and performed under the control of San Antonio Approach and Kelly Tower. All coordination procedures, routings, navigation charts, control and support agencies and radio frequencies are contained in a PowerPoint presentation available on the AFRC/A3O web site (<https://www-mil.a2a3.afrc.af.mil/a3o/>). Participation approval authority is IAW **Attachment 2** (AFRC) of this supplement and documented on the Single Mobility System (SMS) mission request without requirement for further documentation.

**4.3. Aerial Review.** After OASD/PA event approval (if required), the level of participation approval is as follows:

**4.3.1. Assets from Single MAJCOM.** Aerial reviews involving assets from a single MAJCOM require MAJCOM approval. MAJCOMs will inform HQ USAF/A3OO of aerial review approvals and assets involved (other than airshows, Open Houses and trade shows).

**4.3.2. Assets from Multiple MAJCOMs.** Multi-MAJCOM aerial reviews require the approval of each command providing aircraft for the aerial review (inform HQ USAF/A3OO).

**4.3.3. Assets from Multiple Services/Nations, or Involve Civilian Aircraft.** HQ USAF/A3/5 approval is required for all aerial reviews that combine USAF aircraft with aircraft from other services or nations or with civilian aircraft. Participation approval in OCONUS aerial reviews rests with the COCOM (inform HQ USAF/A3OO).

**4.4. Aerial Demonstration.** Aerial demonstrations are governed by the AFI 11-246 series of instructions and require the participation approval of the owning MAJCOM.

**4.4.1.** Lead MAJCOMs need not publish in their assigned volume the profiles that are uniquely tailored for a specific military or civilian event and which are planned for use on a one-time basis. Although the lead MAJCOM is released from the requirement to incorporate these uniquely tailored profiles in the command volume, the MAJCOM/A3 (or equivalent) having jurisdiction over the participating aircrew and aircraft must approve every uniquely

tailored profile prior to its execution. If the uniquely tailored profile is planned to be used on a continuing basis, then the MAJCOM must submit the profile to the lead MAJCOM for possible inclusion in AFI 11-246 series.

4.4.2. MAJCOMs may publish profiles in the MAJCOM supplement to this instruction for flight operations or procedures falling outside the purview of the applicable AFI 11-246 series.

4.4.2. **(AFRC)** Aircraft capabilities demonstrations will be conducted IAW AFI 11-246 series publications. C-17, C-130, and C/KC-135 aircrews will be certified IAW the AFRC Vol 6 CONOPS.

4.4.3. Aerial demonstration profiles, for any aircraft that is not covered under the AFI 11-246 series, must be approved by the MAJCOM/CC owning the aircraft. This will not be delegated. MAJCOM approved profiles can consist of multiple passes.

4.4.4. AFPT demonstrations can be performed for commemorative events supporting Patriotic holidays instead of flyovers—participation approval is at the MAJCOM.

4.4.5. AFPT demonstrations supporting retirement/change of command ceremonies in lieu of authorized flyovers are allowed—participation approval is at the MAJCOM.

4.4.6. **(Added-AFRC)** AFRC participation in aerial demonstrations of equipment or personnel drops will normally be validated through the Joint Airborne/Air Transportability Training (JA/ATT) process IAW AMC OPORD 17-76, *Joint Airborne/Air Transportability Training (JA/ATT)*. The aerial demonstration must not compromise or degrade the joint training or generate additional costs. A JA/ATT mission which will be performed as an aerial demonstration requires participation approval IAW this instruction in addition to JA/ATT validation by AFRC/A300.



## Chapter 5

### ADDITIONAL GUIDANCE

**5.1. USAF Academy (USAFA) On-Base Events.** All definitions and policy regarding flyovers and aerial reviews apply to the USAFA. Examples of approved on-base academy events are graduation ceremonies, football games, parades, ceremonies with a patriotic/military theme, etc. The commandant requests appropriate Air Force participation, which is limited to flyovers, parachute demonstrations and glider demonstrations.

5.1.1. Academy officials will notify participating MAJCOMs when flyovers are scheduled by more than one MAJCOM on the same day. Participation must be approved by the owning MAJCOM. When more than one flyover is scheduled within any three hour period, this notification will include as a minimum: flyover timing, number of aircraft in each flight, direction of flight, altitude, USAFA point of contact, and other information deemed necessary for safety of flight.

5.1.2. For each event, the flyover will consist of not more than four aircraft of the same type making one pass.

5.1.3. USAFA officials will notify HQ USAF/A3OO, SAF/PAN and SAF/PAM 10 days before the event date of any flyover that may have national media coverage (i.e., coverage of a football game or graduation).

5.1.4. **(Added-AFRC)** USAFA flyovers are performed IAW standardized flight profiles which describe ground tracks, headings, altitudes, navigational references, radio frequencies, controlling agencies, etc. Refer to the 34th OG Operating Instruction 11-210, *Air Force Academy Command and Control of Aerial Events* available at the AFRC/A3OO website (<https://wwwmil.a2a3.afrc.af.mil/a3o/Documents/academyf-lyby.doc>). Aerial Control Teams are provided for all flyovers of the USAFA and may direct higher minimum flyover altitudes than those in the standard profiles.

**5.2. MAJCOM-to-MAJCOM Flyover Requests.** Requests from one MAJCOM to another for single-ship or formation flyovers in support of military events are approved by the MAJCOM owning the requested assets.

5.2.1. Within the USAF, requests for Air Force participation in a military event must be sent from requesting unit (base) to its parent MAJCOM and, if approved, from the parent MAJCOM to the MAJCOM owning the requested aircraft, except for requests supporting an open house. For an open house, the requesting unit may send a request for participation directly to the unit owning the desired aircraft or equipment; the owning unit will ensure all coordination/approval requirements imposed by the owning MAJCOM are satisfied before committing support.

5.2.2. Air Force units are to follow MAJCOM-to-MAJCOM procedures when requesting aircraft from the US Army, Navy, or Marine Corps. For MAJCOM-to-MAJCOM requests, include HQ USAF/A3OO and SAF/PAN as information addressees whenever the approval level involves any of the following: HQ USAF/CV, HQ USAF/CVA, HQ USAF/A3/5, HQ USAF/A3O, SAF/AQ or OASD/PA.



**5.3. Dissimilar Formation.** Formations of four or fewer aircraft of multiple MDS and the same type are approved by MAJCOM/A3. Formations of four or fewer aircraft comprised of Air Force aircraft with aircraft from other services or nations, or with civilian aircraft that do not meet aerial review criteria (i.e., airshows, open houses or international trade shows) require MAJCOM/CC approval (inform HQ USAF/A300 for HQ USAF/CC and A3/5 visibility). It is incumbent upon MAJCOMs to provide operational oversight when approving mixed MDS formations of the same type. ACC Supplement 1 to AFI 11-246, Volume 1 covers ACC Heritage Flight formations and AFI 11-246, Volume 2 covers AETC Texan Flight formations.

**5.4. Air Force Parachute Team (AFPT).** Event and participation approval for an AFPT demonstration (i.e., by the United States Air Force Academy's "Wings of Blue") is granted using the same procedures as a flyover (IAW **Chapter 3** and **Chapter 4**). Air Force aircraft serving as jump platforms for AFPT demonstrations at public or military events, do not require separate approval. Event approval for the AFPT constitutes approval for the jump platform.

**NOTE:** If the aircraft serving as the jump platform is separately performing at the event (i.e. additional flyover or aerial demonstration), then separate approval is required. For aircraft serving as jump platforms supporting other service parachute team demonstrations, the "event approval" for the aircraft is in conjunction with the approval for the parachute team (inform SAF/PAN and HQ USAF/A300). Owing MAJCOM may still require participation approval for their "jump platform" aircraft.

**5.5. Record Flights and Flights of a Spectacular Nature.** Flights of this nature require SAF/PAN and HQ USAF/A30 approval. See AFI 35-101, **Chapter 8** for additional restrictions.

**5.6. Test Aircraft.** Aerial events of any kind, including static displays, involving aircraft or equipment undergoing testing in a research and development program require approval from SAF/PAN, HQ USAF/A3/5, and SAF/AQ.

**5.7. Heritage/Texan Flight Training Programs.** The following guidance applies to the ACC Heritage Flight and AETC Texan Flight Training programs.

5.7.1. The intent of the annual training program is to prepare Air Force aircrews and vintage aircraft pilots to safely fly in formation at public airshows and open house events that benefit Air Force recruiting and community relations programs. Appropriated funds may be expended for warbird aviation fuel associated with that training. Because warbird pilots and support staff are acting in an official capacity related to DoD activities, use of invitational travel orders to pay travel, per diem, lodging and local transportation is also permitted as specified in the Joint Travel Regulation, Volume II, Appendix E. MAJCOM approved Blanket Purchase Agreements with contractors may be used to cover expenses.

5.7.2. MAJCOMs will ensure compliance with applicable AFIs including AFI 11-401, *Aviation Management*. Military aircrew members and key military leadership may fly on warbird civil aircraft during training sessions. Military media personnel and civilian media personnel (as part of an approved media orientation flight IAW AFI 35-101) may fly as passengers on those warbirds engaged in observation flights provided the aircraft are not engaged in demonstration training or formation flights. Training is to take place over unpopulated areas. All warbirds must have liability insurance covering training flights and passengers.

5.7.3. This guidance covers all training conferences and annual preseason flight training conducted in accordance with AFI 11-246. Secretary of Defense and CSAF policies regarding civilian pilots operating USAF aircraft still apply, unless specifically waived.

**5.8. Airshows/Open Houses.** The term "open house" identifies a traditional activity held on military installations while the term "airshow" identifies a civilian activity. Open house and airshow have been used interchangeably in the past, but open house is a more comprehensive term for the spectrum of events in the Air Force. Airshows and open houses may be supported by multiple static displays, multiple flyovers (with multiple passes) and multiple aerial demonstrations. AFI 10-1004 (when released) will provide guidance and procedures for planning and conducting Air Force open houses. SAF/PA approves civilian airshows for Air Force support (event approval IAW paragraph 3.2) and MAJCOMs approve the participation of their respective aircraft.

**5.9. Overseas Public and Military Events.** For public events outside the United States, Canada and Mexico, the combatant commanders exercise event and participation approval over events falling within their respective Areas of Responsibility (AOR) (except as noted below). The combatant commanders may delegate the responsibility for event and participation approval. The delegates will notify SAF/PAN and HQ USAF/A3OO of their delegated authority. See paragraph 5.10 for event and participation approval for international airshow and trade exhibitions.

**5.9. (AFRC) Overseas Public and Military Events.** Although event participants must comply with COCOM directives for aerial events outside the NORTHCOM AOR, final approval for AFRC participation in an aerial event, whether CONUS or OCONUS, is IAW **Attachment 2** (AFRC) to this supplement. JA/ATT missions performed outside the NORTHCOM AOR must comply not only with COCOM directives concerning JA/ATT mission validation and aerial event approval but also with this instruction and supplement concerning participation approval.

5.9.1. MAJCOMs will inform HQ USAF/A3OO and SAF/PAN when CONUS based aircraft will participate in overseas events (public or military) at least 30 days prior to the event for CSAF visibility. Additionally, inform HQ USAF/A3OO and SAF/PAN for any USAF aircraft participation in overseas events at non-DoD facilities at least 30 days prior to the event for CSAF visibility. If the request from the event is short notice, precluding a 30-day notification, inform HQ USAF/A3OO and SAF/PAN immediately. Responsibility for this notification is primarily with the owning MAJCOM, but notification may come from the OCONUS MAJCOM. HQ USAF or OASD/PA approval may be required in some cases where CONUS based aircraft participate in overseas events.

5.9.2. Aerial Reviews at overseas events with assets from multiple services or nations, or that involve civilian aircraft, will be approved IAW paragraph 4.3 in addition to combatant command directives (inform HQ USAF/A3OO).

5.9.3. Notwithstanding the combatant commanders' participation approval authority over aircraft entering their respective AORs, the owning MAJCOMs' operational control over their aircraft is not preempted or diminished.

5.9.4. Aerial events of any kind involving aircraft or equipment undergoing testing in a research and development program require approval from SAF/PAN, HQ USAF/A3, and SAF/AQ.

**5.10. International Airshows and Trade Exhibitions.** This paragraph applies to USAF direct participation at international airshows and trade exhibitions, organized primarily for promoting sales of aerospace and other defense products (IAW DoDD 7230.8). For international airshows and other events that are organized only for the demonstration or display of aircraft and other defense equipment in support of public affairs activities, see paragraph 5.9.

5.10.1. Under Secretary of Defense for Policy (USD(P)) has approval authority for DoD participation in international airshows and trade exhibitions, as delegated by the Secretary of Defense. No Air Force organization can participate in an international airshow or trade exhibition unless the USD(P) has approved “direct DoD participation” and satisfied the other provisions of the law. The Defense Security Cooperation Agency (DSCA), staff agency for USD(P), posts policy, guidelines, and status information on international airshows and trade exhibitions on its web site (<http://www.dsca.osd.mil>).

5.10.2. Geographic combatant commanders, through their Air Force component commanders, and in conjunction with the US Embassy country team, implement USD(P) airshow policy and initiate requests for participation.

5.10.3. The Deputy Under Secretary of the Air Force, International Affairs (SAF/IA) coordinates Headquarters Air Force actions, to include politico-military analysis, validation of requirements IAW USAF Security Cooperation Guidance, identification of USAF assets requested, and coordination with industry.

5.10.4. Additionally, HQ USAF/A3OO will submit the lists of requested USAF assets to the MAJCOMs to determine operational impact and to coordinate participation of assets from outside the requesting geographic combatant commander’s AOR. During this process, HQ USAF/A3O reconciles the asset requests against the MAJCOM’s operational concerns, develops requirement lists (with USAF senior leadership positions), and tasks support as required.

5.10.5. MAJCOMs with units planning to participate in international airshows and trade exhibitions must first coordinate with DSCA via SAF/IA. This is normally accomplished during periodic teleconferences hosted by DSCA. Planning and execution details are developed by the MAJCOMs during this conference.

5.10.5. (AFRC) AFRC aircraft and crews will normally only participate in international airshows and trade exhibitions at the request of a gaining MAJCOM through HQ AFRC. AFRC flying units which receive a request to participate in an international air/trade show other than through HQ AFRC should forward it to AFRC/A3OO for review and preliminary approval by AFRC/A3. AFRC/A3OO will coordinate with the gaining MAJCOM the responsibility for providing the following mission functions/assets:

5.10.5.1. (Added-AFRC) Mission command and control (C2);

5.10.5.2. (Added-AFRC) Flight planning, diplomatic clearances, TERPS review and Threat Working Group review;

5.10.5.3. (Added-AFRC) Military Pay Appropriation (MPA)/Reserve Pay Appropriation (RPA) mandays and travel/per diem for the aircrew and crew chiefs;

5.10.5.4. (Added-AFRC) A Phoenix Raven team, if required;

5.10.5.5. (Added-AFRC) A certified demonstration crew, if required;

5.10.5.6. **(Added-AFRC)** Airlift and Maintenance Recovery Teams (MRTs) to recover a non-mission capable (NMC) aircraft, if required; and

5.10.5.7. **(Added-AFRC)** Coordination with other involved agencies and contractors, e.g., Secretary of the Air Force for International Affairs (SAF/IA), Defense Security Cooperation Agency (DSCA), U.S. embassies, and aircraft/aircraft systems manufacturers.

5.10.6. **(Added-AFRC)** If the mission will be flown under the C2 of the gaining MAJCOM, participation approval will be the responsibility of the gaining MAJCOM. If the mission will be flown under AFRC C2, participation approval will be IAW **Attachment 2** (AFRC).

5.10.7. **(Added-AFRC)** The participating AFRC unit will fly the mission on unit Operations and Maintenance (O&M) or Training, Test and Ferry (TTF) flying hours. Unless otherwise coordinated with the gaining MAJCOM, associate units will source the aircraft from their training allocation.

**5.11. Adopted Forms.** DD Form 214, **Certificate of Release or Discharge from Active Duty**, DD Form 2535, **Request for Military Aerial Support**, and FAA 7711-2, **Certificate of Waiver or Authorization Application**.

CARROL H. CHANDLER, Lt Gen, USAF  
Deputy Chief of Staff  
Air Space, and Information Operations, Plans and  
Requirements

JOHN A. BRADLEY, Lt General, USAF  
Commander

## Attachment 1

## GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION

*References*

**(Added-AFRC)** 34th OG OI 11-210, *Air Force Academy Command and Control of Aerial Events*

**(Added-AFRC)** AFOSH Standard 91-2, *Vehicle-Mounted Elevating and Rotating Work Platforms, Manually-Propelled and Self-Propelled Mobile Work Platforms, and Scaffolds (Towers)*

**(Added-AFRC)** *AFRC Aerial Demonstration CONOPS*

**(Added-AFRC)** AMC OPOD 17-76, *Joint Airborne/Air Transportability Training (JA/ATT)*

DoD Directive 5410.18, *Public Affairs Community Relations Policy*

DoD Directive 7230.8, *Leases and Demonstrations of DoD Equipment*

DoD Instruction 5410.19, *Public Affairs Community Relations Policy Implementation*

DD Form 2535, *Request for Military Aerial Support*

AFI 10-1004, *Conducting Air Force Open Houses* (when released)

AFI 11-202, Vol 3, *General Flight Rules*

AFI 11-246, Vol 1-6, *Airshow/Demonstration Profiles*

**(Added-AFRC)** AFI 11-2MDS, Vol 3, *Operations Procedures*

AFI 11-401, *Aviation Management*

AFI 11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Badges*

AFI 31-101, *The Air Force Installation Security Program*

AFI 34-242, *Mortuary Affairs Program*

AFI 35-101, *Public Affairs Policies and Procedures*

**(Added-AFRC)** AFI 36-2903, *Dress and Personal Appearance of Air Force Personnel*

AFI 64-103, *Leasing USAF Aircraft and Related Equipment to Nongovernment Organizations*

AFMAN 31-201, Volume 3, *Flight Operations*

AFMAN 37-123, *Management of Records* (will become AFMAN 33-363)

AFMAN 37-139, *Records Disposition Schedule*

AFPD 11-2, *Aircraft Rules and Procedures*

T.O. 00-80G-1, *Make Safe Procedures for Public Static Display*

**(Added-AFRC)** T.O. 11A-1-53, *Identification of Empty and Inert Loaded Ammunition Items and Components*

**(Added-AFRC)** T.O. 11A-1-60, *Inspection of Reusable Munitions Containers and Scrap Material*

Title 14 Code of Federal Regulations Part 105

*Abbreviations and Acronyms*

**ACC**—Air Combat Command

**ACC/A3OA**—Aerial Events Branch, Scheduling/Aerial Events Division, Air Combat Command

**ACT**—Aerial Control Team

**AETC**—Air Education and Training Command

**AFI**—Air Force instruction

**AFPT**—Air Force parachute team

**(Added-AFRC) AFRC/A3O**—Air Operations Branch, Current Operations Division, HQ AFRC

**AGL**—above ground level

**AIE**—alternate insertion/extraction

**ANG**—Air National Guard

**AOR**—area of responsibility

**ARC**—Air Reserve Component

**(Added-AFRC) BMT**—Basic Military Training

**CAPEX**—capabilities exercise

**Cat**—category

**CC**—commander

**CFR**—Code of Federal Regulations

**CMSAF**—Chief Master Sergeant of the Air Force

**COCOM**—combatant command

**CONUS**—continental United States

**CSAF**—Chief of Staff of the Air Force

**CSAR**—combat search and rescue

**DoD**—Department of Defense

**DoDD**—Department of Defense directive

**(Added-AFRC) DODI**—Department of Defense Instruction

**DSCA**—Defense Security Cooperation Agency

**DSN**—Defense Switched Network

**(Added-AFRC) DZ**—Drop Zone

**ETP**—exception-to-policy

**FAA**—Federal Aviation Administration

**HALO**—high altitude, low opening

**HQ**—headquarters

**IAW**—in accordance with

**IOC**—initial operating capability

**JA/ATT**—joint airborne/air transportability training

**MAJCOM**—major command

**MC**—mission commander

**MDS**—mission design series

**NAF**—numbered air force

**NCR**—National Capital Region

**NLT**—not later than

**(Added-AFRC) O&M**—operations and maintenance

**OASD**—Office of the Assistant Secretary of Defense

**OCONUS**—outside of the continental United States

**PA**—Public Affairs

**POC**—point of contact

**POW/MIA**—Prisoner of War/Missing in Action

**SAF**—Secretary of the Air Force

**(Added-AFRC) SMS**—Single Mobility System

**TASKORD**—Tasking Order

**(Added-AFRC) TOT**—time over target

**(Added-AFRC) TTF**—Training, Test and Ferry

**USAF**—United States Air Force

**USAFA**—United States Air Force Academy

**USAF/A300**—Air Force Operations Group, Dir. of Current Operations and Training, HQ USAF

**USD(P)**—Under Secretary of Defense for Policy

**UTA**—unit training assembly

**VCSAF**—Vice Chief of Staff of the Air Force

**VFR**—visual flight rules

### ***Terms***

**NOTE:** —To avoid changing traditional terminology used by the Air Force to discuss aviation support, the Air Force term aerial event as used in this instruction is synonymous with the DoD

term aerial demonstration and the Air Force term aerial demonstration is synonymous with the DoD term aerial activity.

**Aerial Control Team (ACT)**—A qualified individual or team of individuals who oversee and control USAF aerial participation, and aerial participation by other organizations, in selected public or military events. ACT can be used synonymously with Ground Liaison Officer (GLO) for the purposes of this instruction.

**Aerial Demonstration**—Aerial demonstration, a subset of aviation support, includes virtually every type of aerial participation by fixed-wing or rotary-wing aircraft in public or military events (except aerial review and flyover): aerobatics, assault landing/takeoffs, aircraft weapons or tactics demonstrations, USAF vintage aircraft programs, single-ship demonstration teams, airdrop demonstrations of personnel or equipment, engine-running offload and aircraft backing maneuvers, in-flight refueling demonstrations, AFPT performances, CSAR demonstrations and helicopter flight demonstrations consisting of steep approach, quick-stop landing, hovering, fire suppression, and personnel AIE. Aerial demonstration is synonymous with the phrases aerial demo, aircraft demonstration, aircraft capabilities demonstration, and aircraft CAPEX.

**Aerial Demonstration Team**—An officially designated DoD demonstration team such as the USAF Thunderbirds, US Navy Blue Angels, and US Army Golden Knights, etc. This term can be applied to USAF vintage aircraft (ACC Heritage Flight Program and AETC T-6A Texan II Aerial Demonstration Team) and MAJCOM single-ship demonstration teams.

**Aerial Event**—Aerial event, synonymous with aviation support, comprises static display, flyover, aerial review and aerial demonstration. Aerial demonstration includes a wide variety of aerial performances (see definition, above).

**Aerial Review**—Aerial review, a subset of aviation support, is a flyover of more than four aircraft, or of multiple types of aircraft, or of aircraft representing more than one military service or nation, regardless of horizontal/timing separation of flying elements. An aerial review may include civilian aircraft. It may have elements in trail formation and will not involve precision maneuvers or demonstrations. The elements of the aerial review may be individual aircraft, formations, or a combination of individual aircraft and formations. A single element flyover involving four or fewer aircraft of multiple MDS of the same type from the same Military Service is not considered an aerial review.

**Aircraft Demonstration**—See Aerial Demonstration.

**Aircraft Weapons or Tactics Demonstration**—An aerial demonstration of aircraft employing or simulating the employment of munitions, weapons, or combat tactics. May include use of ground-based pyrotechnics for effect.

**Air Force Parachute Team (AFPT) Demonstration**—An aerial free-fall parachute demonstration conducted by an official Air Force parachute demonstration team (i.e. United States Air Force Academy's "Wings of Blue").

**Area of Responsibility**—The geographical area associated with a commanders authority to plan and conduct operations.

**Assault Landing Demonstration**—An aircraft capabilities demonstration illustrating a technique used for landing on short runways. The aircraft is flown at a speed slightly above



aircraft stall speed and on a steeper-than-normal approach path. After touchdown, maximum engine reverse thrust and braking are applied to stop the aircraft.

**Assault (Max Performance) Takeoff Demonstration**—An aircraft capabilities demonstration illustrating a takeoff technique used for departing short runways employing maximum takeoff power and climb rate for the aircraft. Also referred to as Maximum Performance Takeoff or Maximum Effort Takeoff.

**Aviation Support**—Aviation support, synonymous with aerial event, comprises static display, flyover, aerial review and aerial demonstration. Aerial demonstration includes a wide variety of aerial activities.

**Capabilities Demonstration or Capabilities Exercise (CAPEX)**—Normally associated with aircraft demonstrating unique characteristics of a weapon system or group of weapon systems. A capabilities demonstration is one that shows the aircraft conducting maneuvers usually associated with its employment and is common to the airframe being shown.

**Civil Twilight**—The period that ends in the evening when the center of the sun's disk is 6 degrees below the horizon and begins in the morning when the center of the sun's disk is 6 degrees below the horizon, as published in the American Air Almanac, converted to local time. This is the limit at which twilight illumination is sufficient, under good weather conditions, for terrestrial objects to be clearly distinguished, and the horizon is clearly defined under good atmospheric conditions in the absence of moonlight or other illumination. In the morning before the beginning of Civil Twilight and in the evening after the end of Civil Twilight, artificial illumination is normally required to carry on ordinary outdoor activities.

**Congested Area**—Cities, towns, and settlements or the area surrounding an open-air assembly of persons.

**DD Form 2535, Request for Military Aerial Support**—The form that event sponsors or organizers use to request military aerial support. It is normally submitted to SAF/PA to obtain event approval as a first step in gaining aerial support.

**Demonstration Pilot or Crew**—A highly qualified pilot or crew trained, proficient, and certified in the maneuvers or demonstration to be performed.

**Dissimilar Formation Flyover**—A single element flyover involving four or fewer aircraft of multiple MDS of the same type (i.e. F-15, F-16).

**Eligible Events**—Aerial events that have been screened by SAF/PA or other designated organization and deemed appropriate for Air Force participation.

**Equipment Drop Demonstration**—An aircraft capabilities demonstration illustrating the airdrop of equipment on platforms rigged with parachutes, individual containers rigged with parachutes, or small door bundles rigged with parachutes.

**Event Approval**—Issued when SAF/PA or other designated organization, determines the event (e.g., aviation show/open house, sporting event, commemoration, or civic event) is eligible for Air Force participation. Some events have automatic approval by virtue of AF or DoD policy; otherwise, depending on the nature of the event, the evaluation process is conducted by one of several agencies. Event approval does not imply participation approval.

**Exception-to-Policy Procedure**—Procedures outlining the process to gain SAF/PA event approval when the military or civilian event does not fall within one of the categories addressed by DoD or AF policy. Submit such requests to SAF/PA who will route appropriate requests to HQ USAF/A3OO for coordination. See paragraph 3.2.

**Flight Team Demonstration**—A demonstration by a DoD demonstration team such as the USAF Air Demonstration Squadron (Thunderbirds) or the US Navy Blue Angels.

**Flyover**—Flyover, a subset of aviation support, is a straight and level flight limited to one pass by a single military aircraft, or by a single formation of four or fewer military aircraft of the same type from the same Military Service over a predetermined point on the ground at a specific time and not involving aerobatics or demonstrations; however, bank angles of up to 90 degrees are permissible and may be used if required to improve the spectator visibility of the aircraft.

**Foreign Military Demonstration Team**—Any military demonstration team not part of the DoD. May include, for example: Canadian Snowbirds, British Red Arrows, Italian Frecce Tri Colore, and the Japanese Blue Impulse.

**Funeral Flyover**—A flyover at a funeral, internment, or memorial ceremony that may be flown as a missing-man formation.

**Helicopter Capabilities Demonstration**—An aerial demonstration of helicopter capabilities such as those done during rescue or special operations missions (e.g., hoist, sling, rappelling, fast roping, pararescue deployment, operational approach, simulated ordnance delivery, etc.).

**High Altitude Low Opening (HALO) Airdrop Demonstration**—Demonstration of personnel delivery accomplished at or above 3,000 feet AGL. The parachutists free fall to a predetermined altitude before deploying their parachutes to complete the descent.

**Inflight Refueling Demonstration**—An aircraft capabilities demonstration of aircraft employing inflight refueling procedures up to and including the precontact position.

**International Airshow and Trade Exhibition**—An activity organized specifically to promote sales of aerospace and defense products.

**Jump Platform**—Any Air Force aircraft used as a vehicle for a parachute team demonstration used in support of a military or public event.

**Make Safe**—To inactivate a weapon, a piece of ordnance, an ejection seat, or other device on an aircraft or its associated equipment so as to ensure that it cannot fire, launch, explode, detonate, or in any manner harm or injure spectators or other personnel as a result of its unintended operation (traditionally synonymous with "dearm," "disarm," and "disable").

**Mission Design Series (MDS)**—The designation of an aircraft, i.e. C-130E, F-15C, B-1B.

**Memorial**—An event that commemorates or serves as a remembrance of a specific person, group, or historically significant occurrence. A memorial may be held in lieu of a funeral ceremony or on or near the anniversary of a significant event.

**Military Event**—An official DoD event (sponsored by DoD or DoD component or command) conducted in support of an assigned mission, including purposes of esprit-de-corps, primarily for military or civil service personnel, dependents, and limited guests. The event must be hosted on a facility owned, leased or operated by the DoD.

**Missing-Man Formation**—A four-ship formation with the number three aircraft either missing or performing a pull-up maneuver at a specific time in the flight.

**Multiple Flyovers**—A flyover arrangement for a single event in which two or more flyover aircraft, or two or more flyover formations (or combination of flyover aircraft and flyover formations) conduct individual flyover passes over the same reference point on the ground regardless of timing separation between the flyover aircraft or flyover formations.

**Multiple Passes**—A flyover arrangement for a single event in which the flyover aircraft, or the flyover formation, maneuvers after the initial over flight of the desired reference point so as to execute one or more additional passes over the same point.

**Next of Kin (NOK)**—For the purposes of this instruction, the closest, living relative to a deceased person.

**Off-base**—On or over any location other than on-base.

**On-base**—On or over an installation or facility owned, leased, or operated by the DoD such as a base, camp, fort, post, reservation, school, ship, station, terminal facility, or range.

**Open House**—A military program conducted on an installation or other military facility to which the public is invited. A similar activity in civilian communities is called an airshow.

**Parachute Team Demonstration**—A demonstration of free fall or precision landing techniques.

**Participation Approval**—The approval process within the operations community leading to actual Air Force participation in public or military events.

**Patriotic Holidays**—Armed Forces Day (third Saturday in May), Memorial Day (last Monday in May), Independence Day (4th of July), Veterans Day (11th of November), and National POW/MIA Recognition Day (third Friday in September).

**Patriotic Observances**—Commemorative events held in conjunction with the patriotic holidays. These are eligible events for Air Force participation.

**Personnel Drop Demonstration**—An aircraft capabilities demonstration illustrating the airdrop of static line personnel or paratroopers.

**Prisoner of War**—An individual who was taken prisoner or held captive while engaged in an action against an enemy of the United States; while engaged in military operations involving conflict with an opposing armed force; or while serving with friendly forces engaged in armed conflict against an opposing armed force in which the United States is not a belligerent party. The person's conduct, while in captivity, must have been honorable.

**Public Event**—Public events are community relations events not connected with the military functioning of the Department of Defense and intended primarily for non-military audiences. Some examples include military Open House events, ceremonies, exhibitions, expositions, athletic contests, fairs, parades, tattoos, airshows, international airshow and trade exhibitions, or similar programs. These events may be on or off-base; CONUS or OCONUS. Public events can be sponsored by either DoD or non-DoD organizations. Military exercises, movements, maneuvers, or operations are not considered to be public events merely on the basis of being incidentally observed by the general public. Such events can be good community relations and recruiting opportunities.

**Record Flights and Flights of a Spectacular Nature**—A flight to achieve an official world-class record regarding speed, distance, altitude, duration of flight, etc. National and world aviation records conducted in the United States are sanctioned, observed, and certified through the National Aeronautic Association.

**Retirement or Change of Command Ceremony**—These are military events. A retirement ceremony honors a retiring military member and a change of command ceremony formally recognizes the transfer of command authority from one military member to another (see paragraph 3.6.2.2).

**Show Line**—A show line is a prominent reference line appearing on the ground in the "Aerobatic Demonstration Area/Flying Display Area" established for an Airshow or Open House. The show line must be easily identifiable from the air and could be an existing structure already present such as a runway, taxiway, canal, breakwater, or road, or any straight line marked off by a snow fence, canvas panels, etc. The show line is a prescribed distance from the spectator area and serves as the basic reference line for aerial demonstrations performances.

**Spectator Area**—The area specifically set aside at an airshow or Open House for people to view the aerial demonstrations performed for the event (see paragraph 1.6.7).

**Static Display**—Static Display, a subset of aviation support, is the ground display of any aircraft and its related equipment not involving engine start, taxi, or flight.

**Test/Evaluation Aircraft or Equipment**—New aircraft or equipment undergoing developmental test and evaluation that have not yet met initial operating capability (IOC).

**Training Static Display**—The ground display of any aircraft and its related equipment used for the sole purpose of training local civilian medical, rescue, fire, or law enforcement personnel. Training static displays do not involve engine start, taxi, or flight. Spectators will not be allowed in the training areas. This can be on or off-base.

**Type**—The role of the aircraft from a public affairs perspective. DoD defines type as either tactical, transport or rotary wing. Air Force further categorizes aircraft type as: tactical (F-22, F-15, F-16, A-10, F-117, B-1, B-2, B-52), tanker/transport (C-130, C-17, C-5, KC-10, KC-135), trainer (T-1, T-37, T-38, T-6) and rotary wing (UH-1, HH-60, MH-53, CV-22). Aircraft not listed are considered their own unique type and will comply with multi-type restrictions in this instruction (i.e. Aerial Review or dissimilar formation). It is understood that true aircraft roles and missions are numerous and it would be difficult to categorize all aircraft. These are general groupings based on size, mission and/or configuration as viewed by the general public. Individual missions and series are grouped under the same design for the purpose of this definition (i.e. EC-130H, and C-130J). It is incumbent upon MAJCOMs to provide operational oversight when approving mixed MDS formations of the same type.

**Unit Change of Aircraft Ceremony**—A ceremony that recognizes the conversion of aircraft type within a unit.

**Unit Flag Retirement Ceremony**—A ceremony during which an active or air reserve component unit is deactivated and the unit flag retired.

**Unit Training Assembly (UTA)**—Unit training periods consisting of a minimum of 4 hours each, to include the majority of assigned personnel. Normally four UTAs are scheduled on one weekend each month.

**Vintage Aircraft Program**—For the purpose of this instruction, the USAF vintage aircraft programs are the Heritage Flight Program operated by ACC, and the T-6A Texan II Aerial Demonstration Team operated by AETC.

## Attachment 2

## APPROVAL MATRIX

Aviation Support or Aerial Event (Not all inclusive, reference to applicable paragraphs is required)	Approval Levels <sup>1</sup>		References
	Event	Participation	
Static Display			1.4.1
Public Event	MAJCOM/PA <sup>2</sup>	MAJCOM	3.6.1 & 4.1
Military Event	N/A	MAJCOM <sup>3</sup>	
Flyover			1.4.2
Public Event			3.2
Off-Base Eligible (Aviation Related)	SAF/PAN	MAJCOM	3.2.1.1
Exception-to-Policy (Non-aviation related)	SAF/PAN & AF/A30	MAJCOM <sup>4</sup>	3.2.1.2 & 3.5
On-Base Public Event	SAF/PAN <sup>5</sup>	MAJCOM	3.2.2
Off-Base Patriotic Holiday	MAJCOM/PA <sup>6</sup>	MAJCOM	3.6.2.1
Military Event (On-Base)			3.3
Retirement/Ch of Cmd	Approved <sup>7</sup>	MAJCOM <sup>4</sup>	3.6.2.2 & 4.2.2
Exception-to-Policy	AF/CV	MAJCOM <sup>8</sup>	
Patriotic Holiday	Approved <sup>9</sup>	MAJCOM	3.3.1.1
Chg of Acft or Unit Flag Retirement	Approved <sup>10</sup>	MAJCOM	3.3.1.4
Other On-Base	Installation CC <sup>11</sup>	MAJCOM <sup>12</sup>	3.3.1.5
Funeral or Memorial (Eligible)	Mortuary Affairs	MAJCOM <sup>4</sup>	3.6.2.3 & 4.2.3
Exception-to-Policy	AF/CVA	MAJCOM <sup>4</sup>	
Aerial Review			1.4.3
Single MAJCOM	OASD/PA <sup>13</sup>	MAJCOM <sup>4</sup>	3.6.3 & 4.3
Multiple MAJCOMs	OASD/PA <sup>13</sup>	Applicable MAJCOMs <sup>4</sup>	
Multiple Service/Nation or Civilian acft	OASD/PA	AF/A3/5	
Aerial Demonstration			1.4.4
Public Event	SAF/PAN	IAW AFI 11-246 <sup>4, 14</sup>	3.6.4 & 4.4
Military Event	MAJCOM	IAW AFI 11-246 <sup>4, 14</sup>	
Other Events/Support <sup>15</sup>			
Missing Man @ eligible events <sup>16</sup>	MAJCOM		3.6.2.4 & 4.2.4
Missing Man at Other Events	MAJCOM/A3 <sup>4, 17</sup>		
Dissimilar Formation	MAJCOM		5.3
Multi-Service/Nation or Civilian <sup>18</sup>	MAJCOM/CC <sup>4, 17</sup>		
Record Flight	AF/A30 and SAF/PAN		5.5
Test Aircraft	AF/A3/5 and SAF/AQ		5.6
OCONUS Events	IAW Combatant Commander Directives		5.9
CONUS acft or @ non-DoD site	Info AF/A300 and SAF/PAN		5.9.1
Int'l Airshows and Trade Exhibition	AF/A300 and SAF/IA coord required <sup>19</sup>		5.10

## NOTES:

1. Use of the term MAJCOM as an approval level authorizes MAJCOMs to designate the approval level/office or show delegation below MAJCOM in the MAJCOM supplement to this instruction. MAJCOM/A3 approval level will be assumed in the absence of designation/delegation in the MAJCOM supplement.

2. See AFI 35-101, **Chapter 8** for further delegations.
3. See paragraph **3.6.2.2** for Retirement and Change of Command guidance. MAJCOM is the waiver authority IAW paragraph **3.6.2.2.7**.
4. Provide information copy to HQ USAF/A3OO.
5. Except as already approved under paragraph **3.2.2**.
6. Provide information copy to SAF/PAN to be displayed on website.
7. As already approved under paragraph **3.6.2.2**.
8. MAJCOM participation approval occurs first.
9. IAW paragraph **3.3.1.1**.
10. IAW paragraph **3.3.1.4**.
11. IAW paragraph **3.3.1.5**.
12. If support by same installation assets then participation approval authority is Installation Commander.
13. HQ USAF/A3O and SAF/PAN have delegated authority to approve aviation support proposals for single public events that combine AFPT and flyover, or a flyover and a demonstration (not to exceed 4 total elements). See paragraph **3.6.3.2**.
14. If aerial demonstration is for an aircraft not covered in AFI 11-246, then MAJCOM/CC approval is required. This may not be delegated. If aircraft is covered in AFI 11-246, then follow waiver or non-standard profile approvals IAW AFI 11-246 or MAJCOM/A3 approval is required.
15. These events may have additional approval levels depending on the nature of the event or support. See applicable approval levels listed above.
16. Eligible events IAW paragraph **3.6.2.4** Will not be held in conjunction with other events (i.e. sporting events or airshows)
17. Will not be delegated.
18. When dissimilar formation does not meet aerial review criteria (i.e., airshows, open houses or international trade shows). Otherwise comply with aerial review criteria and approval levels IAW paragraphs **3.6.3** and **4.3**.
19. As described in paragraph **5.10**.



## Attachment 2 (AFRC)

## AFRC APPROVAL MATRIX

**A2.1.** For TFI units, follow the approval matrix for the host MAJCOM IAW AFI 90-1001, *Responsibilities for Total Force Integration*.

Table A2.1. AFRC Approval Matrix.

Aviation Support or Aerial Event (Not all inclusive, reference to applicable paragraphs is required)	Approval Levels		
	Event	Participation	References
<b>Static Display (CONUS)</b>			1.4.1
Public Event	SAF/PA <sup>2</sup>	AFRC/A3	3.6.1 & 4.1
Military Event	N/A	AFRC/A3	3.6.1 & 4.1
<b>Flyover (CONUS)</b>			1.4.2
<b>Public Event</b>			3.2
Off-Base Eligible	SAF/PAC	AFRC/A3	3.2.1.1
Exception to Policy	SAF/PAC and AF/A3O	AFRC/A3 <sup>4</sup>	3.2.1.2 & 3.5
On-Base Public	SAF/PAC <sup>5</sup>	AFRC/A3	3.2.2
Off-Base Patriotic Holiday	AFRC/PA <sup>6</sup>	AFRC/A3	3.6.2.1
<b>Military Event (On Base)</b>			3.3
Retirement/Change of Command	Approved <sup>7</sup>	AFRC/A3 <sup>4</sup>	3.6.2.2 & 4.2.2
Exception to Policy	AF/CV	AFRC/A3 <sup>8</sup>	3.6.2.2 & 4.2.2
Patriotic Holiday	Approved <sup>9</sup>	AFRC/A3	3.3.1.1
Change of Aircraft or Unit Flag Retirement	Approved <sup>10</sup>	AFRC/A3	3.3.1.4
Other On-Base	Installation CC <sup>11</sup>	AFRC/A3 <sup>12</sup>	3.3.1.5
Basic Military Training (Added)	Lackland AFB CC	AFRC/A3	
Funeral or Memorial (Eligible)	Mortuary Affairs	AFRC/A3 <sup>4</sup>	3.6.2.3 & 4.2.3
Exception to Policy	AF/CVA	AFRC/A3 <sup>4</sup>	3.6.2.3 & 4.2.3
Arlington National Cemetery (Added)	Mortuary Affairs	AFRC/A3	
<b>Aerial Review (CONUS)</b>			1.4.3
Single MAJCOM	OASD/PA <sup>13</sup>	AFRC/A3 <sup>4</sup>	3.6.3 & 4.2.3
Multiple MAJCOMs	OASD/PA <sup>13</sup>	AFRC/A3 <sup>4</sup>	3.6.3 & 4.2.3
Multiple Service/Nation or Civilian Aircraft	OASD/PA	AF/A3/5	3.6.3 & 4.2.3
<b>Aerial Demonstration (CONUS)</b>			1.4.4
Public Event	SAF/PAC	AFRC/A3 <sup>4, 14</sup>	3.6.4 & 4.4
Military Event	MAJCOM <sup>20</sup>	AFRC/A3 <sup>4</sup>	3.6.4 & 4.4
<b>Other Events Support<sup>15</sup></b>			
<b>CONUS Events</b>	<b>Participation Approval</b>		

Aviation Support or Aerial Event (Not all inclusive, reference to applicable paragraphs is required)	Approval Levels		
	Event	Participation	References
Missing Man @ eligible events <sup>16</sup>	AFRC/A3		3.6.2.4 & 4.2.4
Missing Man @ other events	AFRC/A3 <sup>4</sup>		3.6.2.4 & 4.2.4
Dissimilar Formation	AFRC/A3		5.3
Multi-Service/Nation or Civilian <sup>18</sup>	AFRC/CC <sup>4</sup>		5.3
Record Flight	AF/A3O and SAF/PAC		5.5
Test Aircraft	AF/A3/5 and SAF/AQ		5.6
<b>OCONUS Events</b>			
Static Display	AFRC/CV <sup>4, 6, 21</sup>		5.9
Flyover/Demonstration/Review	AFRC/CV <sup>4, 6, 21</sup>		5.9
Int'l Airshows and Trade Exhibitions	AFRC/CV <sup>22</sup>		5.10
<b>NOTES:</b> 20. The MAJCOM which owns the installation at which the military event will be held designates the event-approving authority. 21. Comply with COCOM directives concerning event approval and participation eligibility. 22. AF/A3OO and SAF/IA coordination required.			

### Attachment 3

## REQUIREMENTS FOR AIRCRAFT ON STATIC DISPLAY

### A3.1. Public Access Not Allowed.

A3.1.1. Cordon aircraft off to limit public approach so that no person standing outside the cordon may touch any part of the aircraft.

A3.1.2. Make safe the aircraft and any associated equipment.

A3.1.2.1. **(Added-AFRC)** Install pins, locks, grounding wires, engine covers, pitot tube covers, chocks, etc. Secure grounding wires to prevent tripping hazard.

A3.1.2.2. **(Added-AFRC)** Attach "REMOVE BEFORE FLIGHT" warning streamers to each safety pin/device and leave exposed.

A3.1.2.3. **(Added-AFRC)** Close the external canopy jettison handle receptacle(s) and seal them with tape. If this requirement cannot be met, do not display, load, or install live explosive items on display aircraft. Do not render explosive items inert for this purpose unless authorized by the specific Air Force Material Command (AFMC) item manager or system program office. Only authorized personnel will perform demil procedures.

A3.1.2.4. **(Added-AFRC)** Egress and life support systems explosive components need not be removed from operational aircraft prior to display. Take proper technical order safety precautions. Ensure constant surveillance of visiting personnel near actuating controls.

A3.1.2.5. **(Added-AFRC)** Remove ejection cartridges from external stores release systems or ensure safety pins and devices cannot be easily removed. Isolate firing circuits (e.g., pull circuit breakers).

A3.1.3. Verify the absence of significant leaks of flammable or toxic fluids according to TOs.

A3.1.3.1. **(Added-AFRC)** Deplete fuel load sufficiently to prevent expansion siphoning, if applicable. A3.1.3.2. **(Added)** Display "No Smoking" signs prominently outside the aircraft.

A3.1.4. A qualified air/ground crewmember must remain with the aircraft during public viewing.

A3.1.5. **(Added-AFRC)** Remove live or expended ammunition from aircraft gun systems or safe the gun systems mechanically and electrically before placing the aircraft on display IAW applicable TO procedures. Refer to T.O. 00-80G, *Make Safe Procedures For Public Static Display*, for procedures concerning static display of aircraft.

A3.1.6. **(Added-AFRC)** Mark munitions displays IAW T.O. 11A-1-53, *Identification of Empty and Inert Loaded Ammunition Items and Components*, and certified IAW T.O. 11A-1-60, *Inspection of Reusable Munitions Containers and Scrap Material*.

A3.1.7. **(Added-AFRC)** For guidance on displaying DS-equipped aircraft, C-17, C-130 and KC-135 crews should see "Ground and Flying Safety" in the AFRC Vol 6 CONOPS.

**A3.2. Public Access Allowed (Cockpit Closed/Flight Deck Restricted/Passenger or Cargo Compartments Accessible).**

A3.2.1. Follow instructions in paragraph [A3.1.2](#), [A3.1.3](#), and [A3.1.4](#).

A3.2.2. Perform foreign object damage prevention actions (installation of engine intake and exhaust covers, pitot tube covers, etc.).

A3.2.3. Make safe canopies, if applicable, landing gear struts, tail hooks, access ladders, internal ladders, passenger and cargo loading doors, cargo loading ramps, and other parts posing a hazard to the general public. Restrict public access to the flight deck (public may view the flight deck, if practical). A qualified maintenance officer, maintenance NCO, or assigned aircrew member at deployed locations will personally perform these checks.

A3.2.3.1. **(Added-AFRC)** Remove all electrical power/disconnect batteries as applicable.

A3.2.3.2. **(Added-AFRC)** Place barriers/webbing over open access doors (aircraft) not used for spectator entry/ exit.

A3.2.3.3. **(Added-AFRC)** Position staircases securely, equip with hand rails, and eliminate tripping hazards. A3.2.3.4. **(Added)** Stow/rope off all roller conveyors not required for cargo display.

A3.2.4. Ensure an aircrew member is present at the flight deck at all times to prevent public access and to confirm proper switch and handle positions before leaving the aircraft. Before engines start, the aircraft commander ensures the entire aircraft is thoroughly inspected for any debris or items left during the static display.

A3.2.5. If these requirements cannot be met, set up static display according to paragraph [A3.1](#).

**A3.3. Public Access Allowed (Cockpit Opened/Flight Deck Accessible/Passenger or Cargo Compartments Accessible).**

A3.3.1. Follow instructions in paragraphs [A3.1.2](#), [A3.1.3](#), [A3.2.2](#), [A3.2.3](#).

A3.3.2. Make safe all stored energy devices (e.g., explosive items, hydraulics, pneumatics, etc.).

A3.3.3. Ensure that an aircrew member is present at the cockpit, or on the flight deck, at all times during the display and confirms proper switch and handle positions before leaving the aircraft. Before engine(s) start, the aircraft commander ensures the entire aircraft is thoroughly inspected for any debris or items left during the static display.

A3.3.4. If these requirements cannot be met, set up static display according to paragraph [A3.1](#) or [A3.2](#).

**A3.4. Other Precautions.**

A3.4.1. If open crew or cargo entry or escape hatches present a hazard to the public; barricade them to positively prevent public access or exit. Barricaded hatches must also be under the direct supervision of a qualified air or ground crewmember. Close and lock the hatch if these requirements cannot be met.

A3.4.2. Do not open aircraft cockpits to the public when egress systems cannot be completely made safe according to TOs.

A3.4.3. Air and ground crewmembers must instruct members of the general public about what they may or may not touch while sitting in the cockpit or on the flight deck of an aircraft on static display.

A3.4.4. Remove or protect all classified equipment to prevent viewing by the public.

A3.4.5. Ensure minimum Protection Level security requirements are coordinated and in place IAW AFI 31-101, *The Air Force Installation Security Program*.

**A3.5. (Added-AFRC) Viewing Platforms:**

A3.5.1. **(Added-AFRC)** Aircraft maintenance work stands are not engineered or designed to safely allow large groups of people to view static displays. Specifically designed and engineered platforms for viewing aircraft interiors are preferred.

A3.5.2. **(Added-AFRC)** If aircraft maintenance stands must be used, extreme care must be taken to ensure the weight bearing capability of the stand is not exceeded and additional supports may be necessary to reinforce the stand. (See AFOSH Standard 91-2, *Vehicle-Mounted Elevating and Rotating Work Platforms, Manually-Propelled and Self-Propelled Mobile Work Platforms, and Scaffolds (Towers)*, and specified TO for applicable work stand.)

A3.5.3. **(Added-AFRC)** Aircrews and the event sponsor are responsible for maintaining complete control over the number of personnel on the work stand.

**A3.6. (Added-AFRC) Placards:**

A3.6.1. **(Added-AFRC)** Whenever possible, static display participants should display an aircraft placard. Aircraft description placards, will be neat, large enough to be readily seen, in good repair and prominently positioned for the most effective exposure.

A3.6.2. **(Added-AFRC)** Each aircraft placard will portray appropriate information such as aircraft model designation series (MDS) and name, aircraft/unit mission, maximum/cruise airspeed, operational ceiling, unrefueled range, cargo/passenger capacity and/or armament (as applicable).

A3.6.3. **(Added-AFRC)** Munitions/camera placards will be positioned next to the item described.

**A3.7. (Added-AFRC) Post Display Inspections.** At the completion of the static display, the aircrew and support personnel will perform a complete preflight and security inspection of the aircraft with emphasis on FOD, possible tampering with/damage to aircraft components and possible sabotage/unidentified packages.